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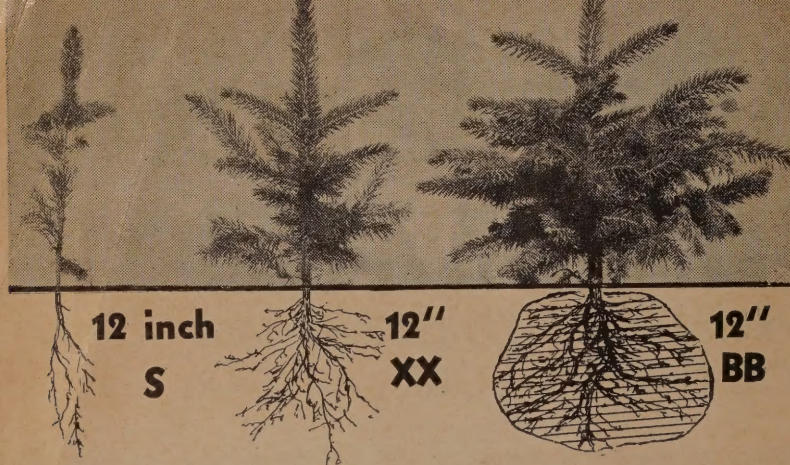
A Short Guide

TO THE BEST VARIETIES OF TREES,
SHRUBS, EVERGREENS, FRUITS, PLANTS,
WITH SPECIAL PRICES FOR SPRING 1961
CATALOG NO. 167 ~ OUR 84th YEAR

Magnolia Waterlily, See Page 19.



KELSEY NURSERY SERVICE, Highlands, New Jersey



A 12 inch plant may be seedling (S) or transplant (X) two years older. Or XX, still older and bushy; or even (still 12 inch) B&B shaped landscape grade. There is a great difference in value.

GRADES OF NURSERY STOCK

***** Indicates a small plant not yet shapely. (No mark at all indicates fairly shapely landscape grade.)

S Seedlings not yet transplanted. Plant 3 in. apart in shaded beds, for evergreen kinds. Deciduous trees and shrubs are quicker growing and need less care, but should be cut back upon planting.

X Transplants. Bushier roots and tops. Space 5 or 6 inches apart in beds for evergreens, and shade the first summer. (Be careful to keep package moist, remove only one plant at a time to set in ground, otherwise roots dry out.) Deciduous trees and shrubs need no special care.

XX Twice transplanted stock. Much bushier in roots and tops. In deciduous trees and shrubs, "XX" grades are specimens. In evergreens, which grow much more slowly, space 8 to 10 inches apart, at least, and no shade is needed. These are the largest evergreens than can be shipped with little expense, perhaps 10 to 15% for express.

POT Any of the above can be grown in pots, and thus handled almost any time of year. Just dig a hole to fit, press earth around on all sides, soak. Space twice the size of the pot at least (2 inch pots space 4 inches, etc.) Very small pots need shade first year, larger sizes do not. Much safer than bare root stock, but costlier for express. Perhaps 25%.

BB Balled and burlapped landscape specimens. Usually only evergreens are balled. (Deciduous shrubs and trees are handled bare root in specimen sizes.) B&B stock costs are high for express—50% of cost.

See what you buy?

If you went through our nurseries and took notes, would they be any better than the notes in this catalog? We say which grade and what price. Can't do it except in a catalog, of course.

We have nothing here for pick-up. We allot from here which nursery will ship which item. That's all. But see letters from customers back wrapper.

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(Bottom) Osmanthus, laurocerasus, Viburnum rhytidophyllum, Mahonia, Rhododendron Carolina, Catawbiense, maximum, Kalmia. (Top row) Pyracantha Lalandi, Cotoneaster solicifolia, Pieris floribunda, P. japonica, berberis Juliana, Euonymus patens.

On these pages are arranged alphabetically* the really choice Evergreen Shrubs. Broad evergreen leaves transpire water constantly so extra moisture is needed all year. Mulching with peat helps. All easy to grow—Acid-soil kinds, however, *must* have acid soil. (*See also AZALEAS page 4, HOLLY page 8, RHODODENDRON page 12.)

Broadleaf Evergreens

Pages 3 to 12

ABELIA. Easily grown, tolerant.

—USDA No. 101092—Dark pink like Edward Goucher, hardier.

*2 in. pot 2 ppd. \$2.50, 10 \$9.50

BROADLEAF EVERGREENS WITH BALL

Tramp firmly on the fill-in earth only.

DO NOT TRAMP BALL



—Grandiflora (Glossy Abelia). 5 ft. Zone V, evergreen to Zone VI. Almost perfect shrub. Small bright leaves, graceful growth. Any soil. Sun. Pinky-white bells from June to October. Leaves bronze in winter.

*12-18 in. X.....2 \$3.50, 10 \$7.50

*2½ in. pot.....10 \$10, 100 \$75

2-3 ft. \$4.50 each, 5 \$15.00

—Edward Goucher. New (Pink Abelia) 5 ft. Zone VI. More evergreen. Flowers larger, clear pink, June to October.

*2 in. pots10 \$8.50, 100 \$60.00

4 in. pot\$3.00 each, 10 \$18.00

18-24 inch \$5.50 each, 10 \$40.00

Photo: Abelia grandiflora



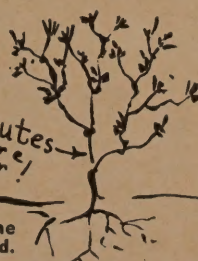
U.S. Department of Agriculture

Planting Evergreens without a Ball

No fertilizer—little or no pruning. Mulch with leaves after planting. Water well.



3 minutes exposure to air!



Water after planting

1. Keep plants covered all the time except for the one being planted. This is most important of all.

2. Work loose, prepared earth around the roots by hand.

Deciduous Azaleas (Placed here for convenience)

Atlanticum. 2 ft. Zone VI. Very fragrant, pinkish. 6 inch2 ppd. \$2.95, 10 \$9.50

Arborescens. 9 ft. Zone IV. Fragrant white, July. *8 in. X.....2 ppd. \$3.95, 10 \$15

Calendulacea. 9 ft. Zone V, flame colored bloom, May. *8-10 in. X.....5 for \$6, 100 \$75 8-12 in. BB....5 \$8, 100 \$140

Canadense (Rhodora). 3 ft. Zone II. Purple, April. Moist, acid. The hardiest. (Collected carefully.) *8 in. X.....10 \$20.00, 100 \$125 12 inch BB5 for \$12.00

Exbury Hybrids. Zone V. Showy new strain. Mixed seedlings. *2 in. pot.....2 ppd. \$2.00, 10 \$8

Japonica. 6 ft. Zone IV. Orange to flame in May. Very hardy. *8 in. X. 2 ppd. \$3.00, 10 \$13

Ghent and Mollis Hybrids. 3-5 ft. Zone V. Large bright flowers, small bush. 12 in. BB.....\$6.00 each, 5 \$28
—**CB. Van Ness**—Fire-red.
—**Coccinea speciosa**—orange red.
Dr. Moerlands—Gold yellow.
Lemonara—Apricot yellow.
Norma—Red. Double.

Mucronulatum—April, Purple. Zone IV. The earliest Azalea. 12-15 in. BB....\$4.75, 5 \$20.00 *2 in. pot....2 ppd. \$2.00, 10 \$12

Mollis (Chinese Azalea). 2 to 5 ft. Sun, acid, loose. Zone V. Easy to grow. May. Mixed colors:— 4-6 in. X 5 \$3.75, 100 \$45.00

—**Named Colors:** red, orange, yellow. (State your choice.) 10-15 in.....\$3, any 2 \$5 ppd.

Photo: Azalea ledifolia alba



Serrulata. Zone VI. 15 ft., native, rare. White. Very fragrant. *6 in. X. 2 ppd. \$3.50, 10 \$12

Rosea. 9 ft. Zone III. Dark pink in May. Better than nudiflora. 12 in. clumps.....5 for \$18.50

Schlippenbachii. 15 ft. Zone IV. Large bright pink, scented. Rare. *8 in. X 5 ppd. \$7.00, 25 \$20.00 10 in. BB \$6.00, 5 for \$28.00

Evergreen

AZALEAS

Amoena. 4 ft. Almost a species.

—**carminata splendens.** Big red flower. Zone V. *4 yr. XX 2 ppd. \$3.90, 10 \$15.00

Kurume (Japanese Evergreen). 2 to 4 ft. Acid, humus, various colors in May. Zone VI. These are fine dwarf evergreens.

—**Addy Wery.** Blood-red. Nov.

—**Flame**—Coppery red.

—**Coral Bells**—Shell pink.

—**hinodigiri.** Brilliant red. Covered with flowers.

—**hinamayo.** Clear pink.

—**Sherwood Red.** Zone V. Dwarf, compact. Brilliant color.

—**Yayegiri.** Salmon-red. Showy.

Any of above 4 kinds priced:— *3 yr. XX ..5 ppd. \$6.50, 100 \$90 12-15 in. BB \$4.95 ea., 10 \$40.00



JUNE AZALEAS

Beni-Kirishima — low, spreads. Zone V. Double old rose. June.

Macrantha. Zone V. Low, broad, evergreen. Salmon-red, June.

Macrantha flora plena. Double red, late in June. Zone VI.

Any one kind above:
*4 yr. X 5 for \$8.50 ppd.
10-15 in. BB \$5.50 each

Gumpo. Very dwarf. Zone VI. Huge frilled pure white.

*2 yr. X 5 for \$6.50 ppd.
8 to 10 in. BB. \$4.75 ea.

OFFER: 1 each all 4 plants \$9.50 postpaid (Smaller of above sizes.)

GABLE HARDY AZALEAS

These hybrids have been made in the effort to originate a hardier strain of the Japanese type of Azalea, keeping form and color. Live, bloom in Zone V.

Billy. Good single red.

Carol. Bright, pink, double.

Herbert. Large frilled red.

Jimmy Coover. Late single red.

Mary Ann. Double pink.

Mary Hawkins. Dbl. bright pink.

Purple Splendor. Best purple.

Rose-bud. Double pearly pink.

"Early Rosebud." (C 12 G). Double pink, early.

"Dark Rosebud" (FGG)

Any of above 8 kinds, 3 yr. XX bushy, 5 assorted \$8.50; 5 one kind \$7.50.

ALSO 12 to 15 in. B&B.
\$5.50, 5 for \$20.00

BROADLEAF EVERGREENS

Feldyk Hybrids. "Sweet-pea" Azaleas. Large bright flowers. Zone V.

—**Orion**—Salmon-pink. Lovely.

—**Psyche**—Pure pink. Showy.

—**Jeanne**—Violet. Nice flower.
*4 yr. XX 5 for \$9.50, 25 \$30.00

Kaempferi (Torch Azalea). Zone IV. 8 ft. Red to orange. May. Only semi-evergreen.

*2 yr. S....10 for \$4.00, 100 \$25.00
*3-inch pots6 for \$8.50

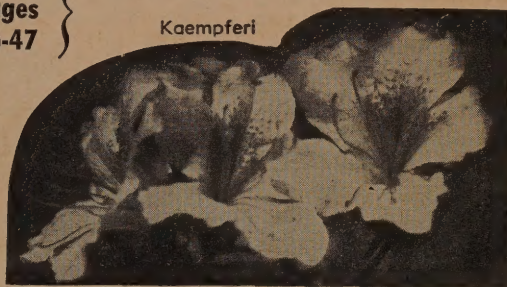
Maxwelli. Zone VI. Clear dark red, late May. Large blooms.

*4 yr. XX.....5 for \$9.50 ppd.
12-15 in. BB.....\$5.50, 5 \$22.00

Palestrina (Vuyk) Fine tall white, May. 6 ft.

*3 yr. XX.....5 for \$9.25, 25 \$30
12-15 in. BB....\$5.75, 5 for \$25.00

Kaempferi



Gayest and brightest of all flowering plants. Grow best in sun or light shade. Given ordinary garden soil, Azaleas will succeed provided acid conditions exist. All kinds listed here are evergreen except those specially noted at bottom of this page. Azaleas take the same culture as rhododendrons, see pages 11, 12.

Also
Pages
46-47

Ledifolia (mucronatum). Evergreen, 6 ft. Bushy. Acid, humus, loose. Late May. Zone (V), VI. Handsome, dense.

—**alba.** White against dark green. (Photo opposite page.)

—**Delaware Valley White.** The same, but hardier.

—**rosea.** Rose tinted, large.

Any one of above 3 kinds:

*4 yr. X.....2 ppd. \$4.00, 10 \$15.00
10-15 in. BB \$5.00, 5 \$21.00

Azalea HINOCRIMSON

A better, hardier Hino-digiri. Large, crimson-red, clean color, does not fade. Fragrant. Zone V. Probably the best hardy evergreen Azalea.

*3 yr. XX....5 for \$7.00,
25 \$20.00.

8 in. BB..\$4.50, 5 \$20.00

12 in. BB \$5.50, 5 \$25

18 in. BB..\$8.50, 5 \$35

KAEMPFERI HYBRIDS

Semi-evergreen. 8 ft. Flowers larger. May. Zone IV.

—**Othello**—Brick-red.

—**Betty**—Showy pink. Compact.

—**Mary**—Large deep pink.

—**Carmen**—Rose, tall.

—**Lakme**—Pink, compact.

—**Mikado**—Showy red.

Any one of above kinds:

*4 yr. XX 2 for \$3.50, 25 \$30.00
12-15 in. BB \$5.50 each, 10 \$50.00

BERBERIS Juliana (Winter-green Barberry). 7 ft. Zone V. Evergreen. Sun or shade. Flowers small, fruit black. Hardest of thoroughly evergreen Barberries. Good stout bush. Thorny.

*2 in. pots5 \$5.00, 100 \$60.00
 *4 in. pot.....\$2.75, 10 for \$18.00
 15-18 in. BB \$6.00 each, 10 \$55.00

—**verruculosa**. 5 ft. Zone V. Dense, spreading. Besides good evergreen leaves, has large showy gold blooms in May.

*2 inch pot5 \$4.50, 100 \$75.00
 15-18 in. BB \$5.50 each, 10 \$50.00

—**Candidula**. 3 ft. Zone V. Very rich green leaf. Best dwarf.

*2¼ in. pot 2 for \$5.00, 10 \$20

—**triacanthophora**. 5 ft. Zone V. Narrow, long leaves. Different.

*3 in. pot5 \$6.00, 25 \$20.00

BUXUS microphylla Koreana (Korean Box). 2½ ft. Zone IV. Very compact and dense. Any soil. Prefers sun. Neat edge for a garden.

*2 in. pots5 ppd. \$7.00, 100 \$85
 10-12 in. BB..\$8.00 each, 10 \$60.00

—**japonica** (Japan Box). 8 ft. Zone V. Hardy, upright bushy shrub. Hardest in shade.

*12 in. X.....10 \$18 ppd. 100 \$95
 12-15 in. BB.....\$5.50 each, 10 \$40

—**compacta**. Very rare, very dwarf, very hardy.

*2 in. Pot.....2 for \$3.25, 10 \$15.00
 12 in. BB (18 yrs. old).....\$25.00

BUXUS Suffruticosa (Dwarf "English"). To 6 ft. Zone V. A billowy dense mass of dark green. This is the box of collectors. Small plants used for real box edging. Sun or part shade.

*2 yr. X.....25 \$6.50, 100 \$22.00
 *4-6 in. X 5 ppd. \$4.00, 100 \$65.00
 8-10 in. X....5 for \$9.50, 100 \$125
 12-14 in. BB \$6.50 each, 5 \$30.00



Erica Carnea



Berberis Juliana



Camellia sasanqua

CALLUNA vulgaris (Scotch Heather). 2 ft. Zone V. Likes drainage, acid, wind. Evergreen. Rosy-purple, July and August.

*1 year X.....10 \$7.50, 100 \$55.00
 3 inch pot5 \$6.75, 100 \$110.00

Also any one variety below:—

—**rubra** (Red Heather)

—**alba erecta**—Taller form, white.

—**alba minor**—Dwarf white.

—**County Wicklow**—Double pink.

—**rosea**—Pink, delicate form.

—**alporti**—Carmine.

—**multiplex**—Double pink.

—**cuprea**—purple bronze.

3 in. pot \$1.95, 10 \$13.50, 100 \$110

COTONEASTER. Sun, drain.

horizontalis (Rock Cotoneaster). 3 ft. Zone IV. Flat arching, densely twigged. Half-evergreen. Pink flowers, red berries.

*2¼ in. pot.....10 \$9.00, 100 \$80.00
 4 in. pot\$2.75 each, 10 \$20.00

—**Perpusilla**, dwarf form.

*2¼ in. pot 5 ppd. \$4.50, 25 \$15.00
 4 inch pot....\$2.75 each, 10 \$20.00

Dammeri. (Cranberry Cot.) 1 ft. trailing. Zone V. Evergreen. White June, crimson berries Oct.

*2¼ in. pot....2 for \$3.50, 10 \$9.50

salicifolia (Willowleaf). 8 ft. Zone VI. Evergreen. Red fruit.

*2 in. pot10 \$8.50, 100 \$80.00
 18 in. (pot)....\$5.00 each, 2 \$8.50

CAMELLIA sasanqua (Hardy Camellia). This gorgeous fall bloomer (Oct.-Nov.) is proving hardy in parts of Zone VI. Humus, fertilize, extra watering, semi-shade. Worth trying. Dark shiny evergreen leaf.

—**Pink Snow**—Glowing new pink.

—**Cleopatra**—3 in. double rose.

—**Daydream**—Vigorous pink.

—**Reticulata**—Reddish pink.

—**Showy Supreme**—Semi-double white.

} 12 inch
 (pots)
 any 5 for
 \$7.50 ppd.

BROADLEAF EVERGREENS



DAPHNE cneorum (Garland Flowers). 1 ft. Zone IV. Perhaps the finest rock-garden evergreen. Very fragrant rose flowers (large) in May and again in Sept. Needs sun. Spreads.

5-7 inch
BB ..\$3.75 each, 5 \$17.50
7-9 inch
BB ..\$4.50 each, 5 \$20.00
12 inch
BB ..\$7.00 each, 5 \$30.00

ERICA carnea (Spring Heath). 1 ft. Zone V. A show of rose in the snow, lasts to May. Acid, sandy, humus. A soft mass of tiny leaves.

*1 year X..5 for \$4.50, 100 \$60.00
4 in. pot\$4.00 each, 5 \$18.00

—**Springwood** (White Heath).
4 in. pot\$3.50 each, 5 \$15.00

—**King George**. Form with bright red flowers.

*2 year X.....5 \$4.50, 25 \$16.50
4 in. pot \$3.50 each, 5 \$15.00

Darleyensis (Hybrid Heath). Taller than carnea, but like it. Purple flowers Feb.-Apr.

*1 year X....5 for \$4.50, 100 \$60.00
4 in. pot \$4.00 each, 5 \$18.00

EUONYMUS vegetus. Large leaves, vigorous bush. A few climbing leaders. Orange fruit. Zone V.

4 year (bushy)....\$4.00, 10 \$35.00
*2¼ inch pot 10 \$8.00, 100 \$50.00

Patens. 8 ft. shrub. Zone VI. Practically evergreen. Easily grown.

*2½ in. pot 10 \$7.50, 100 \$45.00
12-18 inch X..... \$2.75, 10 \$18.00



CHAMADAPHNE. Calyculata Native Leatherleaf). 3 ft. Zone II. White, April. Damp, acid.
*2 in. pot...2 ppd. \$5.00, 10 \$18.00
12 in. clump
Collected5 for \$7.50

CYTISUS scoparius (Common broom). 4 to 8 ft. Zone V. Bushy, upright stems. Yellow, May-June. Drain. Sun. Perhaps the best cover for dry banks. A sight in bloom. Evergreen stems.

*12-18 in. 25 for \$5.00, 100 \$15.00
3 inch pot ..\$3.00 each, 5 \$12.50
4 inch pot ..\$4.00 each, 5 \$18.00

—**Andreanus**, half red, half yellow. Fine old variety.

3 inch pot...\$3.50 each, 5 \$15.00
4 inch pot\$4.75 each, 5 \$20.00

—**Burkwood's**, the same but dark red flowers.

*2 inch pot...2 ppd. \$2.50, 10 \$7.50
4 inch pot\$4.75, 5 for \$20.00

—**Maria Burkwood**. Half red, half white. Interesting.

*2 inch pot...2 ppd. \$2.50, 10 \$7.50

—**praecox** (Warminster Broom). 5 ft. Zone V. Amazing shower of pale yellow in May. Outstanding.
*2 inch pot...2 ppd. \$2.50, 10 \$7.50
4 inch pot\$4.75 each, 5 \$20.00

—**Pomona**. 4 ft. Tricolor bloom, scarlet, cream and gold.

3 inch pot ..\$3.50 each, 5 \$15.00
4 inch pot.....\$4.75 each, 5 \$20.00

Purgans. Dense, bushy, yellow. 3 ft. Zone (V).

4 inch pot\$4.50 each, 5 \$20.00

supinus (Bigflower Broom). 3 ft. Zone V. Showy yellow in July.
3 inch pot\$3.50 each, 5 \$15.00

Cytissus scoparius and its 5 varieties above have leaves so small they are not noticed. One sees only the bright green stems like an evergreen pine, perhaps. The shock of color in spring is something to be seen. The plants hate fertilizer. A barren soil in full sun, even if on a sloping bank, is ideal. If windy, do a little autumn pruning—cut stems good for arrangements.



HOLLY LEAVES

1. *Crenata Convexa*
2. *Cornuta*
3. *Cilio-spinosa*
4. *Cr. rotundifolia*
5. *Glabra*
6. *Pedunculosa*
7. *Pernyi veitch*

ILEX—the Hollies

Aquifolium (English Holly). 40 ft. Zone VI. Very shiny, toothed leaves. Very large bright red berries.

—**Female** (for berries)

*3 inch pot5 \$9.75, 50 \$85.00
4 in. pot (18") \$3.95, 10 for \$30

—**Male** (for pollenation)

*3 inch pot ..\$2.50 each, 10 \$20.00

—**Bisex**—a useful freak. Berries on one plant, both male and female flowers.

*3 in. pot....\$3.00 each, 5 \$12.50

—**Van Tol**. A fine female form. Extra good berries. Leaf with fewer spines.

4 in. pot (18").....\$3.95, 10 \$30

Aquipern, hybrid with aquifolia, shinier, more toothed leaf. More vigorous than pernyi. Zone V.

—**Brilliant**. Heavy fruiting.

*3 in. pot. \$2.75, 10 \$20, 100 \$160
15 inch (pot ball) \$6.50, 5 \$28.00

Cilio-spinosa. 12 ft. Zone VI. Toothed leaves. A spreading bush. Red berries. (Female or male).

*3 inch pot \$3 each ppd. 10 \$22



Ilex Aquifolium

Cornuta Burfordi. 6 ft. Zone VI. Few sharp spines. Good leaf. Red berries.

*3 inch pot
5 \$6.50, 100 \$95.00
15-18 in. BB
\$6.50 each, 10 \$58.00

—**Males** (pollen)

*3 inch pot
\$2.50 each, 5 \$10
12 in. BB
\$6.50, 5 for \$30.00

Crenata (Japanese Holly). Zone VI. 18 ft. Evergreen leaf and thickset shape. Tolerant. Slow growing.

*6-10 inch X 10 \$9.00, 100 \$55.00
2 ft. BB\$7.00 each, 10 \$60.00

—**convexa** (dwarf Japan Holly). Form with shiny gray-green leaves. Not over 4 feet height. Zone V.

*6-8 inch X..10 \$9.00, 100 \$60.00
*12-15 inch X ..2 \$3.00, 10 \$12.50
12-15 in. BB \$5.50 each, 10 \$45.00

—**Helleri**. Very compact, maybe 2 ft., very dense foliage. The best dwarf. Zone V.

*2 in. pot 5 \$4.50 ppd., 100 \$45.00
8-10 in. BB \$4.75 each, 10 \$35.00

—**rotundifolia**. Larger leaf, more vigorous, upright growth. This makes a fine hedge quickly.

*6-8 in. X10 \$7.50, 100 \$50.00
12-18 in. BB \$5.75 each, 5 \$25.00

Glabra (Ink-berry). 6 ft. Zone III. Evergreen, loose bush. Tolerant even in cities. The leaf is dull, the plant only good for background or massing. When sheared becomes dense, neat, bushy.

2¼ in. pot
(2 yr.)5 \$4.00, 100 \$55.00
2 ft. BB....\$6.50 each, 10 \$50.00

ILEX OPACA (American Holly). Tree to 40 feet, hardy to Zone IV. Shiny red berries, dull green leaf. Humus, slightly acid. Our native is a fine, handsome evergreen—well worth planting for its leaves and red berries. We offer two sizes sex unknown, (about half male, half female) from seed.

*12 inch S....10 \$5.00, 100 \$35.00

1½ ft. BB..\$5.50 each, 10 \$45.00

—Males (for pollen) (10) (100)

3 inch pot\$12.00 \$85.00

4 inch pot \$3.00 ea. 25.00

2 ft. BB....\$7.95 ea. 70.00

—Females (for berries)

3 inch pot (6-10 in.) 12.00 95.00

4 inch pot \$3.00 each 25.00

2 ft. BB \$7.95 each 70.00

SPECIAL HOLLY OFFERS

Offer A—2 males, 4 females, in 3 inch pot size (6 to 10 inch).
6 plants \$7.50 postpaid

Offer B—1 male, 2 females, in 4 inch pot size (12 to 18 inch).
3 plants \$9.50 postpaid

—Old Heavyberry. Big rich green leaf, very showy berries. Perhaps the best female. Zone IV.

*3 inch pot\$3.00, 5 \$12.00

12-15 inch BB\$6.50 each

—Delia Bradley. Zone V. One of dozens new named kinds, fruits young and steadily. Good leaves. Outstanding.

*3 in. pot \$2.25, 10 \$15.00, 100 \$135

2 ft. BB\$9.50 each, 5 \$45.00

Pernyi. 10 ft. compact shrub. Zone VI. Small leaves, red berries.

*3 inch pot\$2.50 each, 5 \$7.50

—Veitch, larger leaf. Fine bush.

3 in. pot \$2.50 each, 5 \$7.50



BROADLEAF EVERGREENS

Pedunculosa. 25 ft. Zone V. Large untoothed leaves, red berries. Unusual.

—Female (berrying form)

*3 in. pot \$2.50, 10 \$20, 100 \$150

2 ft. BB.....\$8.50 each, 10 \$80.00

—Male (for pollen)

*3 inch pot.....\$2.75, 5 \$12.00

Photo: *Ilex opaca*

This native evergreen grows in swampy land. It does well in ordinary gardens, too, but a damp site makes it grow faster.

CHOICE ILEX OPACA VARIETIES any 12 for \$9.95

Insured postage paid, 1 year olds, in 2-inch bands. Late May or early June shipment, but order now. (4 to 10 inch size.) Normal loss only 1%. Guaranteed satisfactory arrival.

CHRISTMAS SPRAY: Female. Rapid growing with large leaves, good sized red berries on long stems.

CLARK: Small compact female with upright branches and graceful shiny leaves. Bright red berries.

KOLES ANGELICA: A new female form with leaves and form similar to Arden but deeper green. Good sized berries in profusion.

MAURICE RIVER: Vigorous female with good glossy green foliage and upright habit. Heavy bearer.

MENANTICA: Rapid growing female, setting numerous fruits when only two years old. Foliage deep green with plenty of spines.

MERRY CHRISTMAS: Dependable female with good green leaves. One of the most popular.

MERRY CHRISTMAS CONVEX: Crinkly leaves on compact plant with dark red berries. Plenty of spines.

MISS HELEN: Popular female of conical habit with large egg-shaped berries.

NEEDLEPOINT: Foliage small and attractive with very sharp spines as name indicates. Excellent bearing habits.

NORFOLK: A good clone for orchard because of large attractive foliage and heavy berry-bearing habits. Spreading form, thus easy to cut.

PARKTON: Upright and heavy bearing female. Excellent dark green foliage.

SALEM COMPACT: Slow growing dwarf-type female of narrow pyramidal form. Short, thick, leathery leaves. Excellent for restricted areas.

SUBINTEGRA: This form is different. The leaves have no spines but are smooth and leathery. It becomes a large shrub rarely over 12' tall. Large deep red fruits. Hardy to Boston. We offer both male and female: State which you wish.

KALMIA latifolia (Mtn. Laurel) Zone III. 8 ft. Pink in June. Finest Northern broadleaf.
 *2 inch pots.....10 \$6.95, 100 \$55
 12-15 in. BB.....5 \$11.50, 25 \$50
 Also Collected plants page 71.

—**Angustifolia** (Sheep-Laurel) 3 ft. Zone II. Red-purple in June. Nice native evergreen.
 *6-12 in. S.10 \$3.50, 100 20.00
 12-in. clumps BB.....5 for \$12

LAUROCERASUS schipkaensis (Hardy English Laurel). 6 ft. Zone V. A gorgeous evergreen shrub, with dark green leaves. White flower spikes in May. Very easily grown. Very fast growing.
 *3 inch pot..10 \$12.50, 100 \$90.00
 12 in. (pot) \$3.50 each, 10 \$25.00
 12-15 in. BB \$5.50 each, 10 \$45.00

—**Zabeliana**. Similar, but narrower leaves. Zone V.
 *3 in. pots....10 \$12.50, 100 \$90.00
 12-18 in. BB \$5.50 each, 10 \$45.00

LEUCOTHOE catesbaei. 5 ft. Zone V. Handsome white. May.
 *2 in. pot.....10 \$8.00, 100 \$55.00
 4 in. pot\$2.50, 10 \$20.00
 12 in. BB.....5 for \$11.50, 25 \$50.00
 Also Collected plants page 71

—**Rainbow** variegated leaves.
 *3 in. pot\$4.50, 10 \$40.00

Axillaris. Similar, more vigorous.
 *2¼ in. pot....2 ppd. \$2.75, 10 \$12

MAHONIA Aquifolium (Oregon Holly-grape). 5 ft. Zone V. Yellow. May; purplish "grape," Aug. Dry, part shade.
 12-15 in.2 \$5.50, 10 \$25

Beali (Leatherleaf Mahonia). 12 ft. Zone V. Large, divided leaf. Tropical look. Yellow fragrant blooms, April.
 4 inch pot....\$3.50 each, 10 \$25.00

Lomariaefolia (Chinese Holly-grape). 10 ft. Zone VI. A neater Beali.
 5 in. pot\$6.00 each, 10 \$50.00

OSMANTHUS aquifolium (Holly-leaved Myrtle). Zone VI. 6 ft. Evergreen shrub. Tolerant, useful foliage plant.
 *2¼ in. pots..10 \$6.00, 100 \$45.00
 12 in. BB.....\$5.00, 10 \$40.00

—**aquifolium rotundifolium**. New, compact, dwarf form.
 *2¼ in. pot 2 for \$3.50, 10 \$15.00

PACHISTIMA canbyi. Evergreen clump, 9-inch. Zone V. Wonderful rock plant. Moist.
 *2¼ in. pots....10 \$7.50, 100 \$55.00
 3 in. pots \$2.00, 10 \$15.00, 100 \$125

PIERIS floribunda (Mountain Fetterbush). 3 ft. Zone IV. Evergreen, mound. Upright clusters white in May. Acid, humus, half shade.
 *2½ in. pots.....12 for \$9.75 ppd.
 12-15 in. BB \$7.50 each, 5 \$30.00

PIERIS Japonica (Japonica Andromeda). 6 ft. Zone V. Evergreen, upright shrub, with drooping wax-like bells. May. New growth is rosy-wine.
 *2¼ in. pot.....5 \$5.50, 100 \$65.00
 *10-12 in. X.....5 \$5.00, 25 \$20.00
 12-15 in. BB \$4.50 each, 10 \$30.00

PYRACANTHA lalandi (Laland Firethorn). Evergreen shrub to 15 ft. Zone V. A fuzz of white in May, then orange-red berries. Drain, lime.
 *3 in. pot10 \$15.00, 100 \$95.00
 4 in. pot\$3.00 each, 10 \$20.00

—**Lowboy**. Smaller in all parts. To 8 feet.
 *2¼ in. pot10 \$8.50, 100 \$60.00
 18 in. (pot)....\$3.00 each, 10 \$20.00

watereri. New. Zone V. Compact. Finest Firethorn. Hardy, evergreen. Red berry. The firethorn of the future. Grand.

*4 in. pot....\$3.50, 2 for \$6.00



Above: **Laurocerasus**



Pieris floribunda



Pieris Japonica

RHODODENDRONS. Evergreen shrubs with fine foliage. Range from dwarfs to giants. Bloom from May to July. Acid soil, part shade.

Fortunei. 12 ft. Zone IV. Large blush pink, fragrant, May. 10-15 in. BB .2 for \$6.00, 5 \$12.50

Racemosum. 4 ft. Zone V. Pink in April. Useful dwarf. 4-6 in. X.....2 for \$3.50, 10 \$15.00

Carolina	}	See below
Catawbiense		Also
Maximum		page 71

DWARF HYBRID

Wilsoni. 4 ft. dwarf. Zone V. Pink in May. Hardy and neat. *2¼ in. pot.....10 for \$15.00 15-18 inches BB.....\$15.00 each

DEXTER HYBRIDS

This new strain, based on R. fortunei is hardy in Zone V and shapely and colorful.

Mixed colors mostly pinks.

4-8 in. X.....2 for \$3.50, 10 \$15.00

HYBRID SEEDLINGS (page 46)

NAMED HYBRIDS (page 12)

SARCOCOCCA hookeriana humilis. Spreading evergreen shrublet in shade. 2 ft. Zone V. Fine ground cover.

*3 in. pot.....5 for \$6.50, 50 \$50.00

SKIMMA japonica 4 ft. Zone VI. White in April, neat dwarf, red winter fruit. Shade.

4 in. pot.....2 ppd. \$6.95, 10 \$30.00

STRANSVAESIA davidiana. Shrub to 20 feet. Zone VI. Large shiny green leaves. Scarlet fruit.

1½ ft.\$3.50 each, 10 \$25.00

2 ft.\$5.00 each, 10 \$35.00

—**undulata.** Dwarf form, low growing. Spreading.

*2¼ in. pot.....\$2.75, 10 \$20.00

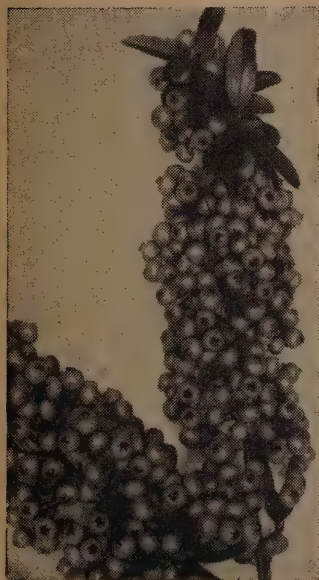
VIBURNUM Rhytidophyllum (Leatherleaf). 9 ft. Zone V. Wrinkled evergreen leaves, bright green, shiny. Bold. Red and black berries. Drain, shelter. Unique leaves.

*3 in. pot6 for \$9.00 postpaid
18 in. BB\$5.50 each

BROADLEAF EVERGREENS



Photo: Viburnum Rhytidophyllum



Pyracantha Watereri

Nursery
Grown

Native Rhododendrons Special Offer

A special block of natives, 2 years in nursery, shaped, dug with a small ball. These are fine, healthy, a really special offer for those who want quick and sure landscape results without great expense. Too heavy for parcel post, must go express. Five kinds:—

Rhododendron carolina. Pink, May, 8 ft., Zone V.

R. catawbiense. Purple, June, 8 ft. Zone IV.

R. maximum. White, July, 12 ft. Zone III.

also

Kalmia latifolia	}	descriptions on page 10
Leucothoe catesbaei		

Any one above kind:	(5 for)	(25 for)
9 to 12 inch (balled).....	\$10.00	\$45.00
12 to 15 inch (balled).....	\$12.50	\$55.00

{	SPECIAL: One each of all 5 kinds	}
	12-15 inch (packed) for \$13.50	



Named Young Own-root Hybrid Rhododendrons

Here is an opportunity for those with large areas to plant to get 15 kinds for much less than any usual cost. 4-inch band plants, mostly 8 to 12 inch, labelled. These need to be bedded a year (see page 45) and "pinch" the center leafbud away next April.

Special Offer Postpaid

{ Any 4 below\$11.75 }
{ 4 any one kind.... 10.50 }

America—(described at right)

Catawbiense album—

Catawbiense Boursault—

English Roseum—

Roseum elegans—

Roseum Superbum—

Boule de Nieve—dwarf white.

E. S. Rand—compact crimson.

May Day—New scarlet. Zone V.

Mrs. C. S. Sargent — Bright pink. Zone V.

Ramapo — new, very dwarf, Zone V. Orchid-blue.

Windbeam — new, medium dwarf. Zone V. Smother of pink, early May.

Cunningham White — Compact growth. Good white.

Chas. Beaufort — Fragrant white. Zone V.

Nova Zembla—Vigorous red. Fine.



Hybrid Rhododendrons

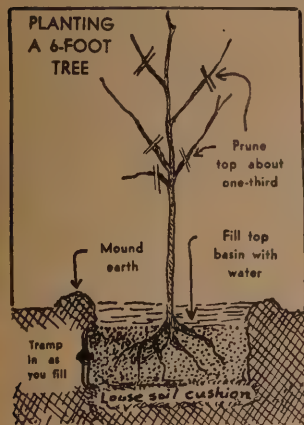
Own-root plants grow shapelier than grafts, and are longer lived, with less care and pruning. All hardy Zone VI, same as noted in V. Both grades below have had their first pinching, starting life shapely and healthy. Old enough to be planted right out in field. Much bushier and more compact than ordinary. All twelve kinds below:

(Not Sold Singly)	(\$7.50 each)
{ 6 of any kind, 1 year field 8 to 10 inch B&B packed for shipment. \$25.00 }	{ 5 of any kind, 2 year field 12-15 in. BB packed for \$30.00 }

(Either offer, express on arrival about \$4.00)

WHITES	<i>Luciferum</i> . A fine white, good grower. <i>Catawbiense album</i> . The best white. Zone V. <i>Candidissimum</i>
PURPLE	<i>Purpureum Elegans</i> . Late, showy. Zone V. <i>Old Port</i> .
ROSE	<i>Catawbiense Boursault</i> . Shapely lavender. <i>Roseum Elegans</i> . Very shapely bush. Zone V.
PINKS	<i>Roseum Superbum</i> . Good pink, good bush. <i>English Roseum</i> .
REDS	<i>America</i> . Neat growth. Fine red. <i>Charles Bagley</i> . Cherry red. Showy. <i>Dresselhuys</i> . Big, tall, red.

TREES GROW QUICKLY—Young trees require little care; are much less expensive to plant than large ones. These reach 30 feet in 15 years: Red Oak, Pin Oak, most Maples, Liriodendron, several Birches, Black Locust and American Linden.



On the next 10 pages is an alphabetical list of deciduous trees. Special quantity prices page 52, 53.

Photo: Cornus florida



DECIDUOUS TREES

HELP IN SELECTING

SHADE TREES

HELP IN SELECTING	Tolerance	Faults	Virtues					
SHADE TREES	Poor soil	Wet soil	Smoke	Root-greedy	Weak-branch	Quick	Health	Showy
ACER Negundo (Box-elder)	x	x	x	x	x	x	..	..
A. platanoides (Norway Maple)	..	..	x	x	..	x	..	..
A. rubrum (Red Maple)	..	x	..	x	..	..	..	x
A. saccharum (Sugar Maple)	x	..	..	..	..	x	..	..
BETULA alba (Birch)	x	..	..	..	x	..	..	x
B. populifolia (Gray B.)	x	x	..	..	x	x	..	x
B. papyrifera (Canoe Birch)	..	..	..	..	..	..	x	x
CELTIS (Hackberry)	x	..	..	..	..	..	..	..
FAGUS (Beech)	..	..	..	..	..	..	..	x
FRAXINUS (Ash)	..	x	x	..	..	x	..	..
GINGKO biloba	..	..	..	..	..	x	x	..
GYMNOCLADUS (Coffee-tree)	..	..	..	..	..	..	x	..
PLATANUS (Sycamore)	..	x	..	..	..	..	..	..
P. acerifolia (Oriental Plane)	..	x	x	..	..	x	..	..
POPULUS (Poplar—most kinds)	x	..	..	x	x	x	..	..
QUERCUS palustris (Pin Oak)	..	x	..	..	..	x	..	..
Q. coccinea (Scarlet Oak)	x	..	..	..	..	..	..	..
Q. rubra (Red Oak)	x	x	..	..	..	..	..	..
SALIX (Willow—most kinds)	..	x	..	x	x	x	..	..
TAXODIUM (Bald-cypress)	..	x	..	..	..	x	x	x
TILIA (Linden—most kinds)	..	..	..	..	..	x	..	x
ULMUS campestris (English Elm)	..	..	x	x	..	..	..	..
U. americana (American Elm)	..	x	..	x	..	..	..	..
U. pumila (Siberian Elm)	x	..	..	x	..	x	..	..

FLOWERING TREES

Hardy	FEET		Healthy		x = flower; o = fruit	Early	May	June	Summer	Autumn
	Wide	High								
III	20	40	..	Aesculus rubicunda.....	..	x	..	..	..	..
IV	30	80	..	Catalpa speciosa.....	..	..	x	..	..	..
IV	12	35	x	Cercis (Red Bud).....	x	..	..	..	..	..
IV	15	25	x	Cornus florida.....	..	x	..	..	..	o
V	12	20	x	Cornus kousa.....	..	..	x	..	..	..
IV	12	20	x	Cornus mas.....	x	..	..	o	..	..
IV	15	20	x	Crataegus (Hawthorn).....	..	x	..	..	o	..
V	12	30	x	Franklinia (gordonia).....	..	..	..	x	x	..
IV	15	25	..	Halesia tetraptera.....	..	x	..	..	..	..
V	8	20	x	Hamamelis mollis.....	..	x	..	..	..	..
V	15	25	..	Koeleruteria.....	..	..	..	x	..	..
V	20	40	x	Laburnum vossii.....	..	..	x	..	..	..
IV	40	100	x	Liriodendron tulipifera.....	..	..	x	..	..	..
V	12	25	x	Magnolia conspicua.....	x	..	..	..	..	..
V	10	20	x	Magnolia soulangeana.....	x	..	..	..	..	..
V	12	25	..	Magnolia lennei.....	..	x	..	..	..	..
V	10	20	x	Magnolia nigra.....	..	x	..	..	..	..
V	8	8	x	Magnolia stellata.....	x	..	..	..	..	..
IV	15	20	..	Malus (Flowering Crabs)...	..	x	x	..	o	..
IV	12	30	x	Oxydendron arboreum.....	..	..	..	x	x	..
V	20	40	..	Prunus Flowering Cherry...	..	x	..	..	..	..
IV	30	70	x	Robinia pseudacacia.....	..	..	x	..	..	..
IV	30	60	x	Sophora japonica.....	..	..	..	x	..	..
II	15	40	x	Sorbus (Mountain Ash).....	..	..	..	o	..	..
V	10	20	..	Styrax japonica.....	..	x	..	..	..	..
V	15	20	..	Symplocos paniculata.....	..	x	..	..	o	..
III	40	80	..	Tilia (Linden).....	..	..	x	..	..	..

ACER dasycarpum (Silver Maple). 100 ft. Zone III. Very fast growing, handsome tree.

*12 inch S25 \$2.50, 100 \$6.00
5 ft. X5 \$10.00, 100 \$180.00
6-8 ft.\$3.50 each, 10 \$25.00
8-10 ft.\$5.00, 10 \$35.00

palmatum atropurpureum (Red-Leaved Maple). 10 ft. Any sheltered soil. Open tree-like shrub. Zone V. (seedlings: vary to green).

*2¼ in. pot10 \$7.00, 100 \$40.00

—**Bloodgood**. Grafted. The best.

*10 in. 1 yr. \$3.50 each, 10 \$30.00
15-18 in. X \$5.50 each, 10 \$50.00
2-3 ft. \$7.50 each, 10 \$65.00
3 ft. BB each \$13.50

Any of the following 3 kinds:
2 year graft \$5.50 each, 5 \$25.00

—**atropur. dissectum** (Cutleaf red) Dwarfier. Very bushy. Rare.

—**aurea-variegatum** (gold and white leaves)

—**roseum** (green leaves with some margins deep pink.)

—**Vezo-Nishiki** (blood-red and vermillion)

Davidi—50 ft. Zone V. Leaves yellow and purple in fall. Branches striped white.

18-24 in X.....\$5.00, 10 \$40.00

ginnala. 25 ft. Zone II. Conspicuous red fruit in summer. Handsome red leaves in autumn.

*12-18 inch S..10 \$6.50, 100 \$40.00
8-10 ft\$9.00 each, 5 \$40.00

platanoides. (Norway Maple). 60 ft. Zone III. Dense, round headed. Excellent for city streets. Easily grown. Bad in gardens, because of greedy roots.

*4-5 ft.10 \$12.50, 100 \$100.00
6-8 ft.\$6.00 each, 10 \$55.00
8-10 ft.\$8.50 each, 10 \$75.00

—**Crimson King**. A form with dark purple leaves that holds color all summer (Pat. No. 735.)

5-6 ft.6.50 each, 10 \$55.00

Nikoense (Nikko maple) 50 ft. Zone V. Leaves turn brilliant red or purple in autumn.

*2 year S 10 for \$5.50, 100 \$40.00
2-3 ft. X\$4.00 ea., 10 \$30.00
4-5 ft. X\$6.50 ea., 10 \$50.00

Pennsylvanicum (Striped Maple) (Moosewood). 30 ft. Zone III. Large bright green leaf. Striking bark striped white.

*4-6 ft. 5 for \$12.50, 100 \$175.00

Rubrum (Red or Swamp Maple). 80 ft. Zone III. Majestic drooping pyramid. Red flowers in April. Wet land but tolerant of drainage.

*18 in. S.25 \$5.00, 100 \$15.00
*4 ft.5 \$9.00, 100 \$125.00
6 ft.\$6.50 each, 10 \$30.00

saccharum (Sugar Maple). 100 ft. Zone III. Hates Smoky cities. Heavy dense, regular pyramid. Autumn color. The most effective country landscape tree.

*12 inch S ..25 \$4.00, 100 \$12.50
*4 ft.5 \$7.50, 100 \$135.00
*6 ft.5 \$15.00, 100 \$225.00
6-8 ft.\$6.00 each, 10 \$48.00

spicatum (Mountain Maple). 25 ft. Zone II. Bright red fruit. Bright orange autumn leaves.

*12 inch S ..25 \$5.00, 100 \$15.00
4-6 ft. 5 \$15.00, 100 \$200.00

Truncatum 25 ft. Zone V. Leaves open purple in spring.

6-8 ft.\$9.75 10 \$75.00

AESCULUS pavia (Red Buckeye). 35 ft. Zone V. Bright red flowers. Neat, handsome, tolerant.

1-1½ ft. X \$2.50 each, 10 \$20.00

Carnea Briotti (Red Horsechestnut). 50 ft. Zone III. Showy red in May. Rare and beautiful.

5-6 ft.\$16.00 each



Photo: *Betula papyrifera*

ALBIZZIA julibrissin rosea. (Hardy Mimosa). Almost a tree. 18 ft. Zone V. Very rare. Interesting pink flower, when blooms are scarce in July.
1½-2 ft. 2 ppd. \$2.50
(10 for \$7.50)

—**Kalkora**. Similar, also extra hardy, white.

2-3 ft.....\$3 ea., 5 \$10
6-8 ft.\$7.50 each

Photo: *Albizzia*



TREES

BETULA alba (European White Birch). 40 ft. Zone II. Good white bark. Spreading. Very tolerant tree.

4 ft.5 for \$15.00, 100 \$250.00
6 ft.\$5.00 each, 10 \$35.00
8 ft.\$7.00 each, 10 \$55.00

—**Clumps**. Three stems each.

3 ft. clumps ..\$4.75 each, 5 17.50
6 ft. clumps ..\$8.50 each, 5 \$40.00

—**laciniata** (Cutleaf Weeping). Like above, but drooping branches and lacy, drooping leaves. The effect is superb on a lawn. Only fault: Hard to move large trees.

4-5 ft.\$5.00 each, 10 \$40.00
8 feet\$8.50 each

papyrifera (Canoe or Paper Birch). 80 ft. Zone II. Whitest bark of all, but yellowish when young. Handsome, long-lived, tolerant.

*12 in. S.....25 \$5.00, 100 \$16.00
*4-5 ft.10 \$18.00, 100 \$150
6-8 ft.\$5.50 each, 10 \$40.00

populifolia (Gray Birch). 30 ft. Zone IV. The common clump of "white" birch in woods. Poor soil. Short lived.

*1½ ft. S....25 \$6.00, 100 \$ 18.00
*4-5 ft.10 \$18.00, 100 \$150.00

lenta (Cherry Birch). 70 ft. Zone III. Handsome pyramid. A rival to sugar maple in colonial days for sugar.

*12 in. S.....25 \$6.00, 100 \$18.00
4-5 ft.5 for \$9.00, 100 \$150.00

CATALPA speciosa (Western Catalpa). 8 ft. Zone IV. Handsome pyramid. Spotted white in June. Showy. Timber durable in water.

1½ f t. S10 \$2.50, 100 \$ 12.00
6 ft. ..\$4.95, 10 \$25.00, 100 \$200.00

CELTIS occidentalis. 100 ft. Zone II. Good straight timber, handsome. Moist. Stands city smoke.

*12 inch S25 \$3.00, 100 \$9.00
4-5 ft.\$4.50 each, 10 \$30.00
6-8 ft.\$7.50 8-10 ft.\$9.50

CERCIDIPHYLLUM japonicum (Katsura). 40 ft. Zone IV. Dense pyramid. Handsome leaf, yellow in fall.

2-3 ft.\$7.50 each, 3 \$20.00
6-8 ft.\$20.00 each

CERCIS canadensis (Red Bud). 20 ft. Zone IV. Rosy pink buds cover bare branches in April. Humus. Beautiful. Part shade.

*12 inch25 \$4.00, 100 \$9.50
3-4 ft. ..\$2.50, 10 \$18.00, 100 \$125
4-5 ft. ..\$4.50, 10 \$30.00, 100 \$200
5-6 ft. ..\$5.00, 10 \$40.00, 100 \$350

—**alba** (White Bud). Rare and showy white form of Red Bud.

3-4 ft.\$10.50 each
4-5 ft.\$12.50 each

—**Withers Pink Charm**—form with clear pink blooms. Fine.

3 to 4 feet\$12.00 each

chinensis (Chinese Red-bud). 40 ft. Zone VI. More, larger, darker flowers than our native.

*12 inch S25 \$5.00, 100 \$15.00
3-4 ft. ..\$3.25, 10 \$20.00, 100 \$150

Cornus florida flora plena
(See next page)



Cercis Canadensis

Nut Trees

CASTANEA
(Chestnut) page 61
CARYA
(Hickory) page 61
CORYLUS
(Hazel) page 61





Photo: Chionanthus

CHIONANTHUS virginica (White Fringe). 25 ft. Zone IV. Fragrant white tassels in May. A slow tree, but worth waiting for. Good drainage.

18-24 in. X.....2 for \$4.00, 10 \$15.00
12-18 in. X.....2 for \$3.00
3-4 ft.\$6.00, 10 \$45.00

retusus. 18 ft. Zone V. Similar, and as handsome as the above. Blooms June-July, when few trees bloom. Rare.

*3 in. pot.....2 for \$5.95, 10 \$25.00

—**Serrata**. Like retusus, but with sawtooth, interesting leaves. Rare.

*3 in. pot.....\$5.00 each

CLADRASTIS lutea (Yellowwood). 50 ft. Zone III. Fragrant, white in June. Stands drought. Deep roots.

*12-15 in. X 2 for \$3.00, 10 \$10.00
2-3 ft. ...\$2.75, 10 \$20.00, 100 \$150
4-6 ft.\$5.00, 10 \$40.00, 100 \$350

COTINUS coggygia (Smoke-Tree). (Purple Fringe). 20 ft. Zone V. Oct. Wash of feathery purple covers entire plant.

3-4 ft. X.....\$3.75 each, 5 \$15.00
6-8 ft. X.....\$5.00 each, 5 \$20.00

—**Royal Purple**. Form with dark-er purple-bronze bloom, purple leaves, all summer. Outstanding.

2-3 ft.\$4.50 each, 2 for \$8.00

CORNUS—The Flowering Dogwoods

Perhaps the handsomest and easiest grown of all small trees.

florida (Flowering Dogwood). 25 ft. Zone IV. Very showy white in May, large red berries October on. Acid, humus. No more sensational sight than a group in bloom.

*12 inch25 \$4.00, 100 \$12.00
2 ft. X \$2.50, 10 \$16.00, 100 \$125.00
3 ft. X \$3.75, 10 \$30.00, 100 \$250.00
4-5 ft.\$5.00 each, 10 \$35.00
6 ft.\$9.50 each, 10 \$60.00

—**plena** (Double Dogwood). Rare form. Showy double white bloom. Finer than the single. Grafts.

*12 inch X5 \$12.00, 50 \$95.00
2½-3 ft.\$5.50 each, 5 \$25.00

—**New Super-Red**. The nearly-red Dogwood. New. Much darker than rubra.

*6-12 in. X 5 for \$9.00, 25 \$35.00
2-2½ ft.\$7.00 each

—**Xanthocarpa** — like C. florida except berries bright yellow. Nice show in October. Rare.

2-3 ft.\$7.00 each

—**rubra** (Pink Flowering). Pink flowers. No real red is known, but the clear pink is a beautiful tone. Plant in with white for best effect.

*12-15 in. X 5 \$11.00, 100 \$155.00
2 ft. X \$2.25, 10 \$16.00, 100 \$125.00
4-5 ft.\$9.50 each, 5 \$45.00

kousa (Japan Flowering Dogwood). 20 ft. Zone V. Like our native C. florida, but in June and more tolerant. Bushier.

*12-18 inch S.....5 for \$4.50
1½-2 ft.\$4.50 each, 5 \$20.00
4-5 ft.\$7.50 each

—**chinensis**. Form of Kousa with larger, whiter flowers.

2-3 ft. X\$6.00 each
3-4 ft.\$8.50 each

mas (Cornelian Cherry). 20 ft. Zone V. A yellow cloud in April. Scarlet berries August. Tolerant.

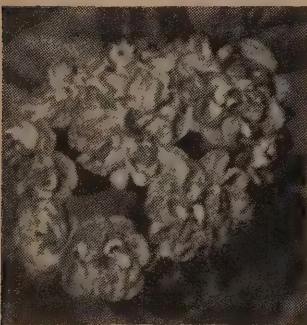
*12 inch S.....25 \$10.00, 100 \$35.00
2-3 ft.\$2.50 each, 10 \$18.00

Officinalis—(Japan Dogwood). Like C. mas, but blooms on long stems a week earlier.

2-3 ft.\$2.75, 10 \$20.00



Cladrastis lutea



Crataegus Splendens

TREES



Laburnum blooms like long golden wisterias

LABURNUM vossii (Hybrid Golden Chain). 35 ft. Zone V. Hardier and freer to bloom than ordinary Laburnum. A clearer yellow color. Lime. Bright green stems in winter.

4-5 ft.\$5.95 each
5-6 ft.\$7.50
6-8 ft.\$9.00

FAGUS sylvatica (European Beech). 80 ft. Zone IV. Lime, drain. Slow. Casts dense shade.

—**riversii** (Purple). Reddish-purple leaves. Handsome, bushy tree.

*1 yr. graft 10 \$18.00, 100 \$150.00
2-3 ft. X.....\$6.00 ppd., 5 \$25.00

—**fastigiata**. (Upright Beech). A narrow column, very useful form.
4-5 feet\$12.50 each

FRAXINUS americana (White Ash). 100 ft. Zone III. Vigorous, tolerant. Stands moist soils.

*12-18 inch S....25 \$2.50, 100 \$6.00
4-5 ft.5 \$6.75, 100 \$120.00
6-8 ft.\$4.00 each, 5 \$10.00

Ornus (Flowering Ash). 60 ft. Zone V. White, fragrant, long showy panicles, late May. Surprising and pleasing.

*8 in. S.....10 for \$5.00, 100 \$30.00
2-3 ft.\$3.00 each, 10 \$20.00
4-5 ft.\$4.95 each, 10 \$40.00

GINGKO biloba (Maidenhair Tree). 100 ft. Zone IV. Slow, but tolerant of city conditions.

*18-24 inch S 10 \$9.50, 100 \$65.00
2-3 ft. X.....2 for \$5.50, 10 \$25.00
3-4 ft.\$3.75 each, 10 \$30.00
4-5 ft.\$9.50 each
6-8 ft.\$15.00 each, 10 \$125.00

—**Autumn Gold** (Male) Nice fall color. No fruit.

3 to 4 ft.\$9.00, 5 \$40.00



Photo: Davidia blooms

CRATAEGUS cordata (Washington Thorn). 20 ft. Zone IV. Round head, bushy. Red fruit all winter.

2 ft. ...\$2.50, 10 \$18.00, 100 \$125.00
5-6 ft.\$4.50 each, 10 \$35.00

oxycantha Crimson Glory (Red May Tree). 20 ft. Zone IV. Showy Red flower in May, fragrant. Red autumn fruit.

*1 yr. graft 5 for \$8.50, 25 \$35.00
2 to 3 ft.\$3.50, 10 for \$25.00

—**splendens** (Paul Scarlet Hawthorne). Form with showy red flowers. Grafted. Red berries. Prefers sun, lime, and heavy soil even clay. (Manure light soil.)
2-3 ft.\$3.50, 10 \$30.00
4-5 ft.\$5.00 each, 10 for \$45.00

DAVIDIA involuerata. Called the most beautiful tree in the world by Dr. Wilson. Covered with large flowers "like white doves" in June. Zone VI.

*4 in. pot\$5.50, 5 \$22.00

EVODIA Danielli. 25 ft. Zone V. White in June. Interesting.

*12-15 in. S....10 \$7.00, 100 \$50.00

FRANKLINIA ALATAMAHA

Ben Franklin's Tree

35 ft. Zone V. Large white and yellow blooms fragrant from August to frost. Damp, acid, heavy, humus, blooms best in Sun. Blooming starts on small plants. An extraordinary native.

Leaves bright red in autumn — often while white flowers still open. The only flowering tree that blooms in late fall. Unlike most trees, small sizes need more "nursing" than larger sizes.

	(Each)	(10)
*12 inch X.....	\$2.75	\$ 19.00
2-3 ft.	5.00	40.00
3-4 ft.	7.50	60.00
4-5 ft.	10.50	95.00
5-6 ft.	12.75	120.00
6-7 ft.	18.00	.....

Honey-Locusts

GLEDITSIA tricanthos inermis (Thornless Honey Locust). 100 ft. Zone IV. Rich soil, sun. Good timber and good stock feed.

*1-1½ ft.
25 for \$2.75, 100 \$9.00
6-8 ft.

\$5.50 each, 10 \$40.00

—**Moraine Locust.**
Form with no thorns and no fruit, hence does not litter a lawn. A useful tree.

5-6 ft.
\$6.50 each, 5 \$25.00

—**Sunburst Locust.**
New growth gold, seems in bloom all summer. Seedless.

4-5 ft.
\$6.75 each, 10 \$60.00

HALESIA tetraptera (Great Silverbell). 25 ft. Zone IV. Profusion of white bells nod in May. Acid, humus.

4-5 ft.\$4.95 each, 10 \$38.00

—**monticola** (Mountain Silverbell). Larger to 60 ft. Zone V, otherwise similar to above.

2-3 ft.\$3.00 each, 10 \$25.00
5-6 ft.\$5.50 each, 5 \$22.50

JUGLANS (Walnut) page 61.

IDESIA polycarpa 50 ft. Zone VI. Fragrant yellow, large panicles in June. Orange berries Oct. Showy.

*1 yr. S.....5 for \$3.00, 100 \$35.00
2-3 ft. X.....\$5.00, 10 \$35.00

KOELREUTERIA paniculata (Golden Rain Tree). 25 ft. Zone V. Sun, lime, dry. Large golden clusters in July. Showy.

*12-18 inch S 10 \$6.50, 100 \$50.00
4-5 ft.\$5.50 each, 10 \$45.00
5-6 ft.\$6.50 each, 10 \$55.00

LABURNUM (previous page)

LARIX decidua (European Larch). 100 ft. Zone II. Shapely pyramid with "needle" leaves.

*18-24 in. X 25 \$30.00, 100 \$85.00
3-4 ft. BB.....\$5.75 each

leptoleptis (Japan Larch) 90 ft. Zone IV. Handsome, rapid growing.

*2 yr. S.....10 \$4.50, 100 \$30.00
5 to 6 BB.....\$9.50 each

LIQUIDAMBAR Styraciflua (Sweet Gum). 100 ft. Zone IV. Symmetrical tree. Brilliant fall color.

*12 inch S.....10 \$3.00, 100 \$15.00
4-5 ft.5 \$10.00, 100 \$175.00
6 ft. BB.....\$6.50 each, 5 \$25.00

LIRIODENDRON tulipifera (Tulip Tree). 150 ft. Zone IV. Majestic giant, with yellowish tulips in June. Humus.

*12 inch S.....10 \$3.00, 100 \$14.00
4 ft.5 \$9.00, 100 \$150.00
6-8 ft.\$3.50, 10 \$30.00, 100 \$250
10-12 ft.\$7.00 each, 10 \$60.00

METASEQUOIA (Dawn-redwood). Deciduous. The new living fossil conifer from western China. Hardiness probably Zone III. One of the rarest trees.

1½-2 ft. X.....\$7.00, 5 \$32.00
4-5 ft.\$14.50 each

MAGNOLIA glauca (Swamp Laurel). 16 ft. Zone V. Prefers moist, but tolerant. Semi-evergreen. White blooms scattered from June to August. Fragrant.

*2¼ inch pot 10 \$9.50, 100 \$65.00
4 in. pot (18") 2 \$4.95, 10 \$18.00
2-3 ft. X.....\$4.75 each, 10 \$35.00

grandiflora (Great Southern Magnolia). Zone VI, if protected. Evergreen leaf, huge white bloom.

4 in. pot (18") 2 \$4.95, 10 \$18.00
2-3 ft. BB.....\$8.75 each, 5 \$40.00

purpurea (Liliflora). 9 ft. shrub. Zone V. Purple outside, almost white inside.

2-3 ft. BB.....\$7.00 each, 10 \$60.00

Life-Size
Franklinia
Flower
see page 17



MALUS-Flowering Crabs

Vigorous, hardy, and breath-taking. Zone III to V. Easy to grow. Showy in May. Crabapples will grow well on the sea-shore, where few plants thrive.

*1 yr. grafts .5 \$6.50, 25 \$25.00
2-3 ft.\$1.95 each, 10 \$15.00
4-5 ft.\$3.00 each, 10 \$25.00

Almey. Bright red flowers and fruit. New. Outstanding.

Baccata columnaris. Narrow column. Red bloom, scarlet fruit.

Eleyi. Big red flower and fruit.

Floribunda. 18 ft. Pink, white.

Flor. purpurea. Purple leaf form.

Henrietta Crosby. New. Bright red fruit annually.

Hopa. Entirely covered. Rose blooms, red fruit. Zone III.

Jay Darling. Red leaf, flower, fruit. Good jelly.

Lemoine. Purple leaf, dark red flower and fruit.

Schiedeckeri. Double pink pyramidal form. Showy.

Spectabilis rosea plena. Nice double pink flowers.

Zumi calicarpa. Large pinkish. Fruit red. Popular.



Magnolia in April

MAGNOLIAS — Tree Aristocrats

soulangeana (Saucer Magnolia). 20 ft. Zone V. Late April show of large rose-purple blossoms, white inside. A hybrid species, including handsome varieties. Drain.

18 inch \$4.75, 10 \$40.00, 100 \$350
4-5 ft. BB \$9.50 each, 10 \$90.00

—**Rustica Rubra.** Larger, dark 2-3 ft.\$7.00 each, 5 \$30.00

—**Alexandrina.** white, large, handsome form, neat.
3-4 ft. \$9.00 each, 3 for \$23.00

macrophylla (Big-leaf Magnolia). 60 ft. Zone V. 18-inch leaves, foot-wide flowers May, fragrant.
5 ft. X\$6.00 each, 10 \$45.00

stellata (Star Magnolia). 12 ft. Shrubby. Zone V. Early April, ribbony, white, fragrant bloom.

2-3 ft. BB \$9.50 each, 10 \$85.00

—**waterlily.** New, hardier, bluish-white form. Very double blooms in late April. Bushy growth.

18-24 inch X \$7.00 each, 5 \$30.00

Cordata (yellow cucumber-tree) 30 ft. Zone V. Huge leaf, yellow flowers May, red fruit Sept. Showy, small tree.

*2-yr. grafts.....ppd. \$5.50 ea.



Flowering Crabapple

FLOWERING CRABAPPLE. These easily grown small trees are very beautiful in May. The fruit is fine for jelly too, much stronger flavor than ordinary.

MORUS alba (Russian Mulberry). 30 ft. Zone IV. Round-topped tree. Fruit white to purple, edible.

*1½ ft. S100 \$6.00
4 ft. X 5 \$8.00, 100 \$135.00

NYSSA sylvatica (Tupelo). 60 ft. Zone IV. Interlaced, drooping. Early autumn color. Moist. Hard to transplant.

*12 in. S ..10 for \$3.00, 100 \$18.00
2-3 ft. BB .. \$3.95 each, 10 \$35.00

OXYDENDRUM arboreum (Sorrel Tree). 30 ft. Zone IV. Peach-leaves turn red in autumn. Long clusters of white in July and August. Acid.

*12-18 in. S ..25 \$5.00, 100 \$15.00
1-1½ ft. X \$1.50, 10 \$12.50, 100 \$95
4-5 ft. X 4.00, 10 \$30.00, 100 \$200

Prunus Kwanzan.



PARROTIA persica. 20 ft. Zone V. Purplish flowers in March. Glorious orange and scarlet Autumn leaves.

3 to 4 feet\$9.50 each

PAULOWNIA tomentosa (Empress Tree). Large violet blooms early May, before leaves. 40 ft. Zone VI. Often winter damaged, but recovers. Fragrant and beautiful.

4-5 ft. \$4.50 each, 2 for \$8.50

PHELLODENDRON amurense (Amur Cork-tree). 50 ft. Zone III. One of the best small shade trees. Conspicuous gray bark.

*6-12 inch S..10 \$2.00, 100 \$9.50
2-3 ft. S.....10 \$4.00, 100 \$20.00
4-5 ft. \$4.50 each, 10 \$35.00
6-8 ft. \$6.00 each, 10 \$50.00



Lombardy Poplar

Prunus – Flowering Fruit

JAPANESE CHERRIES

Serrulata Amanagawa. 20 ft. Zone V. Erect, narrow column, blush-pink in late May.

4 to 6 ft.\$8.50 each, 3 \$22.00

—**kwanzan.** Easily the darkest pink. Fully double, large flowers. Zone V.

3 to 4 ft.\$5.50 each, 5 \$25.00
4 to 5 ft.\$6.50 each, 5 \$30.00

subhirtella pendula (Weeping Cherry). In May, a fountain of pink. 12 ft. Zone V. Low-branched.

4 to 5 ft.\$5.00 each, 5 \$20.00
6 to 8 ft.\$7.50 each, 5 \$30.00

—**Autumnalis.** Pink in October. 3 to 4 ft. X \$3.00 each, 10 \$25.00
5 to 6 ft. X \$6.00 each, 10 \$45.00

—**Hally Jolivette** (Pink mist cherry.) Compact, fine branched, a fluffy ball of pink in May. New, very unusual.

3 to 4 ft. \$5.50, 10 for \$45.00

triloba Newport. (Purple-leaf Plum). 12 ft. Zone IV. Pink flowers in May. Dark purple foliage, even in summer. A fine small lawn tree.

4-5 ft.\$3.25 each, 5 \$13.50

padus commutata (May Day Cherry). 40 ft. Zone III. Edible black fruit.

2 to 3 ft.5 \$9.75, 100 \$150.00

FLOWERING PEACH

Persica. 18 ft. Zone IV. Very showy, bright colors. Double flowers in May. Order RED, PINK, or WHITE.

3-4 ft.\$2.50 each, 5 \$8.00
(One each all 3 colors \$5.50ppd.)

FLOWERING PEAR

Pyrus calyryana. 20 ft. Zone V. Very shapely, glossy leaf, showy white in May. Superb.

*18 inch 5 for \$10.00
4-5 ft. \$9.50 each

PLATANUS occidentalis (Sycamore). 120 ft. Zone IV. Giant, dignified native shade tree. Tolerant but prefers moisture.

*12 in. S25 \$3.00, 100 \$9.00
4-5 ft.5 \$6.25, 100 \$95.00
6-8 ft.5 \$11.25, 100 \$175.00
8-10 ft.\$6.00 each, 10 \$30.00

—“**Orientalis**” (*Acerifolia*) (Plane). 90 ft. Zone (V), VI. Good city tree.

*4-5 ft. X 10 for \$24.00, 100 \$180
6 to 8 ft.\$4.50 each, 10 \$40.00

POPULUS bolleana (Bolleana Poplar). 40 ft. Zone II. Narrow column, hardy and disease-free. Better than Lombardy. Green leaf, white beneath.

4 ft.5 \$8.50, 100 \$150.00
6 ft. \$4.50, 10 \$32.00, 100 \$250.00

—**nigra italica** (Lombardy Poplar). 60 ft. Zone II. Quick column. Popular but prone to disease. Very tolerant as to soil.

*18-24 inch ..25 \$3.50, 100 \$10.00
5-6 ft. \$1.50, 10 \$8.50, 100 \$65.00
6 ft. \$2.00, 10 \$15.00, 100 \$100.00

—**carolina.** (Norway Poplar.) 90 ft. Zone II. A straight very fast growth, clean variety.

*4 ft. S.25 \$9.00, 100 \$32.00
5-6 ft.5 for \$8.50, 100 \$124.00

Weeping Cherry



Quercus palustris (Pin Oak)

PTEROSTYRAX hispida (Epaulette Tree). 40 ft. Zone V. Rare and handsome. Large hanging panicles of creamy white fragrant flowers, June. Tolerant.

*3-inch pot (about 18")....\$3.75 each

TREES



Oak Leaves

Quercus - The Oaks

The most long-lived of native trees. Not so slow—see Page 13. Handsome and desirable. The best shade for Rhododendron.

alba (White Oak). 90 ft. Zone IV. Noble, spreading tree.

*12 inch S 25 \$6.50, 100 \$20
*3-4 ft. X 10 \$9.50, 100 \$65
6-8 ft. \$9.50 each, 10 \$80

coccinea (Scarlet Oak). 80 ft. Zone IV. A neater Red Oak, finer autumn leaf.

*4-5 ft. 5 \$12.50, 100 \$180
6-8 ft. \$12.50 each

palustris (Pin Oak). 90 ft. Zone IV. Damp or dry soil. A fine street tree. Fast-growing.

*12 inch S 25 \$6.50, 100 \$20
4-5 ft. 10 \$30.00, 100 \$250
5-6 ft. \$5.00 each, 10 \$40
6-8 ft. \$6.50 each, 10 \$50

rubra (borealis) (Red Oak). 60 ft. Zone IV. Likes clay. Handsome.

*12-18 in. S 25 \$6.50, 100 \$20
*4-5 ft. 5 \$12.50, 100 \$180
6-8 ft. \$9.50 each, 10 \$80

macrocarpa (Bur Oak). 75 ft. Zone II. Handsome, hardy.

*12 inch S 25 \$6.50, 100 \$20
6-8 ft. \$9.50 each, 10 \$80

ROBINIA pseudacacia (Black Locust). 70 ft. Zone IV. Dry, sandy soil. The drought tree! Showy, fragrant white, June.

*12-18 in. S 25 \$2.50, 100 \$6.50
4 to 5 ft. X....5 for \$9.50, 100 \$150

SALIX alba Vitellina (Russian Golden Willow). 40 ft. Zone II. Branches are bright startling yellow. Damp soil.

*1½ ft. 25 \$5.00, 100 \$15.00
*4-5 ft. 5 \$6.25, 100 \$110.00
6-8 ft. \$4.50, 10 for \$35.00

—**babylonica** (Babylon Weeping). 30 ft. Zone V. Green fountain. Near, but not in water.

*1½ ft. 10 \$2.75, 100 \$20.00
*4 ft.5 \$6.25, 100 \$110.00
6-8 ft. \$5.00, 10 for \$45.00

—**blanda** (Wisconsin Weeping). More vigorous hybrid of Babylonica. Spreading head, weeping. Zone IV.

*4 ft. 5 for \$6.25, 100 \$110.00
6-8 ft.\$4.00 each, 10 \$30.00

—**Gracystyla** (Rose-Gold Pussy Willow). 9 ft. Zone V. Large colored catkins, very showy.

2-3 ft. heavy) \$5.50 each, 10 \$40

Salix Babylonica

—**niobe** (Golden Weeping). 40 ft. Zone II. Drooping yellow.

4-5 ft.5 \$6.25, 100 \$110.00
6-8 ft.\$5.00 each, 10 \$35.00

—**Matsudana tortuosa** (Corkscrew Willow). 25 ft. Zone IV. Rare and a great novelty. Upright, but twisted and pleasingly picturesque.

12 in. X 10 \$7.00, 100 \$45.00
3 to 4 ft. \$3.00 each, 10 \$20.00

—**nana purpurea** (Arctic Willow). Blue leaved dwarf to Zone I. Grows anywhere, even damp clay. Not over 4 ft., bushy, nice foliage. Excellent for low edging.

*2 yr. X 10 for \$5.00, 100 \$35.00

SOPHORA japonica (Pagoda Tree). 75 ft. Zone IV. White in August. Showy and rare.

*12 in. S 10 for \$4.80, 100 \$35.00
2-3 ft. 10 \$20.00, 100 \$150.00
4-5 ft.\$6.75 each, 5 \$32.50

SORBUS aucuparia (Mountain Ash). (Rowan Tree). 30 ft. Zone II. Clusters of orange in August. Showy.

*12 in. S 25 \$9.50,
100 \$30.00

2 ft. X 10 \$12.50,
100 \$85.00

4 ft. .. \$3.50, 10 \$25
6-8 ft. \$5.90, 10 \$45.00

—**Aria majestica**. (White Beam). Zone V. 50 ft. Handsome leaf, scarlet berry.

5-6 ft. \$9.95, 10 \$90.00

—**Tianschanica**. (Dwarf Mountain-Ash). 18 ft. Bushy. Red berries. Zone V.

18 to 24 in. X \$3 ea.

Photo below: Sorbus aucuparia in late August. Earliest showy berries of all. These above three Sorbus like woody loam. The Mountain Ash is fine bird food for quail and pheasant. Nice shade trees, as well as showy in Sept.



STEWARTIA ovata (pentagyna). 15 ft. Zone V. Very showy white cups 3 inches across, July-Aug. Large bright green leaf shows orange in fall. One of the handsomest shrubby small trees.
2-3 ft.\$4.00 each, 5 \$15.00
4-5 ft. \$6.00 each

pseudocamellia. 60 ft. Zone V. White cups in July. Good foliage turns purple in fall. Rare beauty.
2-3 ft. X \$8.00 each
4-5 ft. \$12.50 each

STYRAX japonica (Showy Snowbell). 30 ft. Zone V. Hanging white bells in June-July. Tolerant, handsome small tree.
1½-2 ft. 2 for \$5.00, 10 \$18.00
3-4 ft.\$5.00, 10 \$40.00

SYMPLOCUS paniculata (Sweetleaf). 35 ft. Zone V. Showy white flowers in May, brilliant blue berries in Sept. An unusual and very choice tree. Easily grown.
2-3 ft. \$3.00 each, 10 \$22.00
3-4 ft. \$5.00 each, 10 \$40.00

TAXODIUM distichum (Bald Cypress). 80 ft. Zone V. Is not evergreen, but looks like one. Graceful, feathery pyramid. Very fine shade tree. Tolerant.
*18-24 in. S5 \$4.00, 25 \$15.00
3-4 ft. \$4.50, 10 \$35.00, 100 \$250.00

TILIA americana (American Linden). 100 ft. Zone II. Fine, large tree for avenues. Vigorous.
*12 in. S. 25 \$10.00, 100 \$28.00
4-5 ft. X10 \$18.50, 100 \$145.00
6-8 ft. \$6.75 each, 10 \$30.00
8-10 ft.\$8.00 each, 10 \$65.00

Cordata (Little-leaf European Linden.) 90 ft. Zone III. Handsome, dense foliage.
*1 year S 25 \$10.00, 100 \$30.00
4-5 ft. X \$5.00, 10 \$45.00
6-7 ft. 8.00, 10 \$70.00, 100 \$650.00
8-9 ft. \$9.50, 10 for \$80.00

TILIA vulgaris (European Linden) 90 ft. Zone III. Fine street tree.

5 to 6 ft. \$10.50, 10 \$95.00

ULMUS americana (American Elm). 100 ft. Zone II. Most beautiful native tree. Tolerant, even of flooded land. Subject to blight near New York.

*2 ft.25 \$3.00, 100 \$9.00
4-5 ft.5 \$9.00, 100 \$150.00
6-8 ft. \$5.50 each, 10 \$35.00
8-10 ft.\$6.50 each, 10 \$40.00

Carpinifolia C. Buisman (Blight-free European Elm). 90 ft. Zone IV. Resistant to all Elm diseases. New, very promising. Broadly pyramidal.

4-5 ft. 5 for \$20.00, 100 \$300.00
6-8 ft. \$8.50 each, 10 \$60.00

Improved Coolshade Elm (Pat. 1747). 70 ft. Zone III. Resistant to disease. Tolerant of soils. Very fast growth, and good form.

*3-4 ft. X 5 for \$9.50, 100 \$175.00
5-6 ft. \$5.50 each, 10 \$48.00
8-10 ft. .. \$10.00 each, 10 \$90.00

pumila (Siberian or Chinese Elm). 45 ft. Zone IV. Neat, small, bushy tree. Very tolerant of dry land. Permanently desirable tree. Makes an excellent sheared hedge.

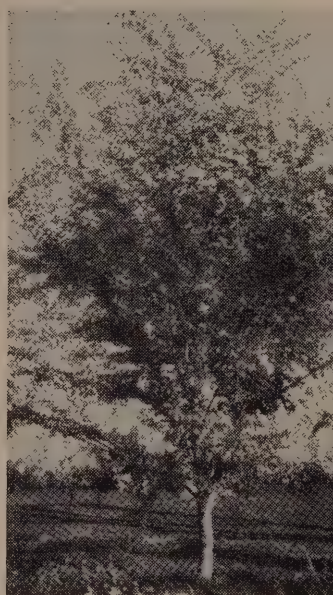
*2-3 ft. S25 \$4.00, 100 \$10.00
*4-5 ft. 10 for \$18.00, 100 \$135.00
6-8 ft. \$3.75, 10 \$25.00, 100 \$195

WISTERIA "Tree". Blue Chinese wisteria grown to one-stem form. Can be kept trimmed to 6 or 8 ft. specimens. Not much trouble, and very showy indeed.
3-4 ft. grafted plants \$7.50 ppd.

ZELKOVA Serrata (Japanese Keaki). 90 ft. Zone V. Short trunk, many upright stems. An elm relative resistant to all disease. Makes a fine substitute for American Elm.

*6-12 in. S 10 \$5.50, 100 \$35.00
4-5 ft X \$5.50, 10 \$40.00

TREES



Above: Chinese Elm

Below: Stewartia in bloom



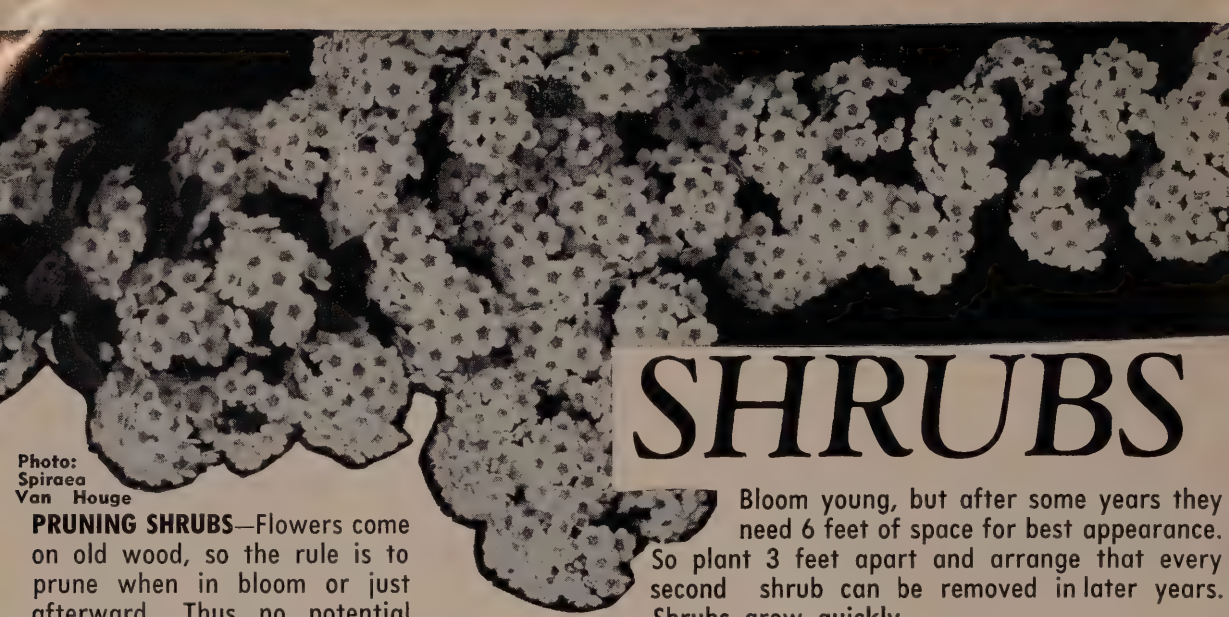


Photo:
Spiraea
Van Housie

SHRUBS

PRUNING SHRUBS—Flowers come on old wood, so the rule is to prune when in bloom or just afterward. Thus no potential bloom is lost. Natural shrub shape is to have main stems in a clump all ascending from the ground, so prune out old branches.

Bloom young, but after some years they need 6 feet of space for best appearance. So plant 3 feet apart and arrange that every second shrub can be removed in later years. Shrubs grow quickly.

PLANTING SMALL SHRUBS



LARGER SHRUBS



HARDY		wide (ft.)	high (ft.)	O = Bloom ● = Fruit						EVERGREEN	SHRUBS THAT THRIVE UNDER NEGLECT	DRAIN		WATER		SUN		SOIL				
				early	May	June	Summer	Autumn	clayey			loam	sandy	wet	normal	dry	Sun	¾ Sun	½ Sun	Acid	Sweet	Barren
(V)	5	5	5	..	..	..	..	..	..	E	ABELIA grandiflora	..	X	..	..	..	..	X	X	X	X	..
V	5	6	8	..	..	..	..	..	..	..	AZALEA calendulacaea	..	X	..	..	..	..	X	X	..	..	..
V	6	4	4	..	..	..	..	..	..	..	... Kaempferi	..	X	..	..	..	..	X	X	..	..	..
VI	4	4	3	..	..	..	..	..	..	..	... Ledifolia	..	X	..	..	..	..	X	X	..	..	..
IV	4	3	6	..	..	..	..	..	..	..	... nudiflora	..	X	..	..	..	..	X	X	..	..	..
IV	3	7	7	..	..	..	..	..	..	..	... viscosa	..	X	..	X	..	..	X	X	..	..	..
IV	4	10	10	..	..	..	..	..	..	..	BENZON aestivale	..	X	..	X	..	..	X	X	..	..	..
IV	4	4	4	..	..	..	..	..	..	..	BERBERIS thunbergii	..	X	..	..	..	..	X	X	..	..	X
IV	3	6	6	..	..	..	..	..	..	..	... julianae	..	X	..	..	..	..	X	X	..	..	..
(V)	10	2	8	..	..	..	..	..	..	..	BUXUS (dwarf and bush)	..	X	..	..	..	..	X	X	..	..	..
V	2	2	2	..	..	..	..	..	..	..	CALLUNA vulgaris	..	..	..	..	..	..	..	..	..	..	..
IV	4	4	7	..	..	..	..	..	..	..	CLETHRA alnifolia	..	X	..	X	..	..	X	X	..	..	..
(V)	5	3	2	..	..	..	..	..	..	..	COTONEASTER horizont.	..	X	..	..	..	..	X	X	..	..	..
V	3	5	3	..	..	..	..	..	..	..	... microphylla	..	X	..	..	..	..	..	..	..	..	..
V	3	5	5	..	..	..	..	..	..	..	CYTISUS (varieties)	..	X	..	..	..	..	X	X	..	..	X
V	3	5	5	..	..	..	..	..	..	..	DAPHNE cneorum	..	X	..	..	..	..	X	X	..	..	..
IV	2	3	3	..	..	..	..	..	..	..	... mezereum	..	..	..	..	..	..	X	X	..	..	..
V	3	7	7	..	..	..	..	..	..	..	DEUTZIA (varieties)	..	..	..	..	..	..	X	X	..	..	..
V	3	2	1	..	..	..	..	..	..	..	ERICA carnea	..	..	..	..	..	..	..	..	..	..	..
V	5	9	9	..	..	..	..	..	..	..	FORSYTHIA (varieties)	..	X	..	X	..	..	X	X	..	..	X
V	Vine	6	12	..	..	..	..	..	..	..	HEDERA helix	..	X	..	X	..	..	X	X	..	..	X
V	6	6	6	..	..	..	..	..	..	..	ILEX crenata	..	X	..	..	..	..	X	X	..	..	..
IV	5	10	10	..	..	..	..	..	..	..	... glabra	..	X	..	..	..	..	X	X	..	..	..
IV	5	8	8	..	..	..	..	..	..	..	... verticillata	..	X	..	..	..	..	X	X	..	..	..
IV	5	8	8	..	..	..	..	..	..	..	KALMIA latifolia	..	X	..	..	..	..	X	X	..	..	..
V	6	5	5	..	..	..	..	..	..	..	LAUROCERASUS Schipka	..	X	..	..	..	..	X	X	..	..	..
V	4	4	4	..	..	..	..	..	..	..	LEUCOTHOE catesbaei	..	X	..	X	..	..	X	X	..	..	..
IV	5	7	7	..	..	..	..	..	..	..	LONICERA (shrub types)	..	X	..	..	..	..	X	X	..	..	..
(V)	8	8	8	..	..	..	..	..	..	..	MAGNOLIA stellata	..	..	..	..	..	..	..	..	..	..	..
IV	6	3	3	..	..	..	..	..	..	..	MYRICA cerifera	..	X	..	..	..	..	X	X	..	..	X
V	4	6	6	..	..	..	..	..	..	..	PIERIS floribunda	..	X	..	..	..	..	X	X	..	..	..
(V)	3	3	3	..	..	..	..	..	..	..	... japonica	..	X	..	..	..	..	X	X	..	..	..
II	4	2	2	..	..	..	..	..	..	..	PINUS Mugho (dwarf)	..	X	..	..	..	..	X	X	..	..	..
VI	8	15	15	..	..	..	..	..	..	..	PYRACANTHA Lalandi	..	X	..	..	..	..	X	X	..	..	X
V	5	8	8	..	..	..	..	..	..	..	RHODODENDRON carolina	..	..	..	..	..	..	..	..	..	..	..
V	4	6	6	..	..	..	..	..	..	..	... catawbiense	..	..	..	..	..	..	X	X	..	..	..
V	4	6	6	..	..	..	..	..	..	..	... Cat. Hybrids	..	..	..	..	..	..	X	X	..	..	..
IV	6	12	12	..	..	..	..	..	..	..	... maximum	..	X	..	X	..	..	X	X	..	..	..
IV	4	8	8	..	..	..	..	..	..	..	SYMPHORICARPOS racem.	..	X	..	..	..	..	X	X	..	..	..
V	4	8	8	..	..	..	..	..	..	..	STEWARTIA pentagyna	..	..	..	X	..	..	X	X	..	..	..
V	5	5	5	..	..	..	..	..	..	..	VIBURNUM Carlesii	..	..	..	..	..	..	..	..	..	..	..
V	Vine	6	6	..	..	..	..	..	..	..	VINCA minor (myrtle)	..	X	..	X	..	..	X	X	..	..	X
V	8	6	6	..	..	..	..	..	..	..	WEIGELIA (varieties)	..	X	..	..	..	..	X	X	..	..	..
V	Vine	e	e	..	..	..	..	..	..	..	WISTERIA praecox	..	..	..	..	..	..	X	X	..	..	..

ABELIOPHYLLUM distichum (White "Forsythia"). Zone V. 3½ ft. White Apr. Drain, sun. 2-3 ft. \$4.50, 3 for \$12.50

AMELANCHIER Canadensis. 20 ft. Zone IV. Thin, bushy shrub or tree. Gay white show in July. *12 in. S 25 \$8.00, 100 \$25.00 4-5 ft. X \$4.00 each, 10 \$35.00

Grandiflora (Apple Shadblow). Hybrid of above. Larger, similar. *1 year graft \$2.50, 10 \$20.00 2-3 ft. \$3.50, 5 \$15.00

—**grandiflora rosea.** Larger flowers, pink. Very handsome.

*1 year graft X \$2.50, 10 \$20.00 18-24 in, 2 yr. \$3.95, 5 for \$15.00

Laevis. 36 ft tree. Zone IV. Very showy in May.

2-3 ft. \$3.50, 5 for \$15.00

ARONIA brilliantissima 8 ft. Zone IV. Pink-white blooms, May; bright red berries, fall. Moist.

2-3 ft.\$2.90, 5 for \$12.00

BUDDLEIA (Butterfly Bush). Zone V. 6 ft. June-Aug. Drain.

—**charming.** Pink.

—**Dubonnet.** Wine-red.

—**ile de france.** Claret purple.

—**Blue Wonder.** Real blue.

—**White Spear.** White.

Prices on above 5 varieties ppd. 2 yr.\$1.45 each (any 2 \$2.50)

BENZONIN aestivale (Spice Bush). 12 ft. Zone IV. Damp. A mist of pale yellow in April. Red berries.

*12-18 in. 25 \$8.00, 100 \$25.00 2-3 ft.\$1.75 each, 10 \$15.00

BERBERIS thunbergi (Japanese Barberry). 5 ft. Zone IV. Very tolerant. Bushy and dense, red berry in autumn. Fine hedge.

*12-18 in. S. 10 \$2.50, 100 \$18.00 12-18 in. X10 \$6.00, 100 \$45.00

—**Atropurpurea.** Red leaf form. *6-12 in. S 25 \$9.00, 100 \$22.00 1-1½ ft. X \$1.25, 10 \$9.50, 100 \$70

—**Crimson Pygmy.** Very dwarf, purple-leaf. Outstanding. New.

*2 in. pots 10 \$7.50, 100 \$60.00 8-10 in. BB \$3.00, 10 \$25.00

CALLICARPA Bodenieri Giral di. (Beauty-berry). 8 ft. Zone V. Violet berries. Nov. Very showy. Lilac flowers, July.

*2¼ in. pot. 2 \$3.00 ppd, 10 \$8.50

CALYCANTHUS floridus (Sweetshrub). 9 ft. Zone IV. Fragrant brown in June.

*12 in. S10 \$2.50, 100 \$9.00 2 ft. X..\$1.50, 10 \$9.00, 100 \$75.00

CARYOPTERIS Blue Mist. 2 ft. Roots hardy. Zone III. (Tops about Zone VI). Many showy clear blue flowers Aug. to frost. Tolerant.

2 yr. (18 in.) \$1.45 ppd., 10 \$12.00

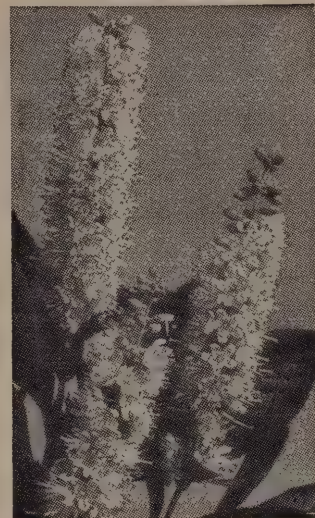
SHRUBS

Continued next 8 pages, alphabetically



Amelanchier

Clethra alnifolia



Beauty All Year A TIME-TABLE OF SHRUBS

SPRING

Amelanchier
Benzion aestivale
Chaenomeles
Daphne Mezereum
Forsythia (all kinds)
Hamamelis mollis
Spiraea von Houttei
Syringa (most lilacs)
Tamarix africana
Viburnum carlesii

EARLY SUMMER

Deutzia (all kinds)
Enkianthus campanul.
Exochorda grandiflora
Kolkwitzia
Lonicera (shrub kinds)
Philadelphus virginal
Potentilla fruticosa
Spiraea trichocarpa
Syringa josikea
Weigela (all kinds)

LATE SUMMER

Albizzia julib. rosea
Buddleia (varieties)
Calycanthus floridus
Cephalanthus
Clethra alnifolia
Hydrangea A. G.
Hypericum prolificum
Spiraea A. Waterer
Fruit:
Lonicera (shrubs)

AUTUMN

Hibiscus syriacus
Hydrangea P. G.
Vitex agnus castus
Fruit:
Berberis thunbergii
Callicarpa purpurea
Photinia villosa
Rhus cotinus
Symphoricarpus
Viburnum (many)

CHAENOMELES japonica (Japanese Quince). 4 ft. Zone IV. Sun. Bushy dwarf. Scarlet flowers in April. A tolerant ornamental shrub. Slow growth. Can be kept pruned.

*12 in. S ..25 for \$4.50, 100 \$13.50
2 ft. X \$1.35, 10 \$11.00, 100 \$95.00

—**Glowing Embers**. New red.

—**Rosea grandiflora**. Pink.

—**Rubra grandiflora**. Early red.

—**Crimson & Gold**. Very showy.

—**nivilis**. Large, pure white.

—**Stamford Red**. Brilliant.

Any of six named kinds:

2 yr. graft, (18"),\$2.50
(any 5 for \$8.50)

—**upright red**. 6 ft. Grafted form. Grows only vertical stems. Neat, useful, showy.

*12 in.10 \$5.50, 100 \$35.00
2-3 ft. X ...\$1.75 each, 10 \$12.50

CITRUS trifoliata. 12 ft. Zone V. A hardy orange. Not edible, but showy small "oranges".

12-18 in. S 10 ppd. \$6.00, 100 \$20
2-3 ft. \$2.50, 10 for \$15.00

CLETHRA alnifolia (Summer Sweet). 7 ft. Zone III. White fragrant spikes vary from July to August. Acid soil.

*12 in. S 10 \$4.50, 100 \$25.00
2-3 ft.\$2.25 each, 10 \$20.00

—**a. rosea**. Rare pink flowered form. Showy plant.

*2¼ in. pot ..10 \$8.00, 100 \$65.00
2-3 ft. ..\$2.85, 10 \$22.00, 100 \$180

—**barbinervis** (Japanese). 20 ft. Zone V. White, fragrant. Aug. to October.

*2 in. pot 5 ppd. \$6.50, 100 \$65
12-15 in.\$1.50 each, 10 \$13.50

COMPTONIA asplenifolia (Sweetfern). 6 ft. Zone II. Grows even on barren soil. Fern-like leaves. Collected clumps only.
2-3 ft.5 \$6.00, 100 \$85.00

CORNUS mas (Cornelian Cherry). 20 ft. Zone IV. Yellow bloom April. Scarlet berry August. Tolerant.

*12-in. S 25 for \$10.00, 100 \$35
2-3 ft.\$2.50 each, 10 \$18.00
5-6 ft.\$6.00 each, 10 \$50.00

alba elegantissima. Leaves edged white. Blood-red stems. White fruit July. Grows any soil.

2-3 ft.\$2.50 each, 10 \$20.00

CORYLOPSIS sinensis. 15 ft. Zone V. Fragrant yellow, April.

*2¼-in. pot 5 \$3.50, 100 \$45.00
2-3 ft. \$3.25 each, 5 \$12.00

CYRILLA racemiflora (Leatherwood). 25 ft. Zone V. White in June. Scarlet fall leaves.

*3 in. pot ..2 ppd. \$4.00, 10 \$13.50

CYDONIA (See *Chaenomeles*)

CYTISUS—(See Page 7)

DAPHNE Genkwa (Lilac Daphne). 3 ft. Zone V. Lilac clusters in April.

10-18 in. \$4.50 each, 5 \$20.00
2-3 ft. \$7.50 each, 5 \$35.00

Mezereum. (February Daphne.) 3 ft. Zone IV. Purple-red in March.

*4-8 in. X 5 for \$5.25, 100 \$65.00

DEUTZIA gracilis. 3 ft. Zone IV. Drain. Dainty mass of white, May.

*8-12 in. X 10 \$8.00, 100 \$60.00
18-24 in. \$2.75, 10 \$19.00, 100 \$140

—**rosea**. Pink flowers.

12-15 in. X \$1.50 each, 10 \$12.50
18-24 in. X \$2.25 each, 2 for \$4.00

scabra — **Pride of Rochester**. Large pinkish white blooms. Vigorous. Zone V. 8 ft.

*12 in. S. 10 for \$1.75, 100 \$9.50
3 ft.\$1.25, 10 \$9.50, 100 \$60.00



Enkianthus

ENKIANTHUS campanulatus. 15 ft. Zone IV. Red-veined yellow flowers in May. Brilliant red autumn leaves. Humus, acid.

8-12 in. X\$1.35
10 \$9.00, 100 \$70.00

18-24 in. X \$2.50 each
5 \$10.00

Forsythia Lynwood Gold



ELEAGNUS angustifolia (Russian Olive). 20 ft. Zone II. Drought-resisting. Yellow berries in September.

*12-18 in. S25 \$3.00, 100 \$9.00
3 ft. X \$2.50, 10 \$16.00, 100 \$130

umbellatum. 12 ft. Zone III. Fragrant yellowish in June. Red fruit.

2-3 ft.\$2.50 each, 10 \$15.00
*12 in., 2 yr. 5 for \$3.50, 100 \$35

EUONYMUS alatus (Winged Euonymus). 8 ft. Zone III. Pink-Crimson autumn leaves. Showy.
12-15 in. X \$2.25, 10 \$16, 100 \$140

—compacta. Dwarf form, 5 ft.
*2¼ in. pot. 10 \$7.50, 100 \$50.00
12 in. X \$1.50, 10 \$12, 100 \$95
18-24 in. \$3.00 each, 10 \$25.00

Americana (Strawberry-bush). Zone VI. 8 ft. Large pink and scarlet fruit, Sept.-Oct.

2-3 ft. X \$3.00 each, 10 \$20.00

Europea (Burning-bush). 15 ft. Zone III. Fruit red-pink, Oct.

2-3 ft. 2 for \$5.00, 10 \$20.00

yedoensis (Yahoo). 12 ft. Zone IV. Pink fruit in Sept. Handsome.

*6-12 in. S 10 \$5.50, 100 \$35.00
1½ ft. \$1.50 each, 10 \$9.50
3-4 ft. \$3.00 each, 10 \$20.00

EXOCHORDA racemosa (Pearl-bush). 9 ft. Zone IV. Showy white, April-May.

*12 inch S 25 \$8.00, 100 \$30.00
4-5 ft.\$3.50 each, 10 \$27.50

FOTHERGILLA (*gardeni*). 3 ft. Zone V. Conspicuous white spikes in April, before the leaves.

12 inch (bushy) \$5.00, 5 \$20.00

FORSYTHIA intermedia (Golden Bell). 9 ft. Zone VI. Familiar yellow blooms in April.

*12-18 in S25 \$3.50, 100 \$9.50
2-3 ft. X \$1.75, 10 \$14.00, 100 \$95

—Arnolds Dwarf. 2 ft. Zone V. Very dwarf. Showy flowers.

*2 in. pot10 \$6.50, 100 \$45.00
18-24 in.\$2.00 each, 10 \$12.00

—Lynwood Gold. 7 ft. Zone V. Very many, very large, very deep yellow blooms. New, outstanding.

*2 yr. cuttings 10 \$4.50, 100 \$35
18 inch X 5 3.50, 100 \$45.00
4 ft.\$3.00, 10 \$25.00, 100 \$180

—spectabilis. More, larger, yellow flowers. Zone V. 8 ft.

*12 in.25 \$4.00, 100 \$12.50
2 ft. \$1.50, 10 \$7.50, 100 \$65.00
4 ft. \$3.00, 10 \$25.00, 100 \$180.00

—spring glory. A new forsythia hybrid very showy, hardy.

*12 in. X 25 \$12.50, 100 \$45.00
2-3 ft. \$1.50, 10 \$12.00, 100 \$95.00

ovata (Korean Forsythia). 6 ft. Zone IV. Less showy, but decidedly hardier and a week earlier.

*2 yr. X25 \$15.00, 100 \$50.00
3 ft. \$2.75 each,..... 5 for \$9.50

suspensa (Weeping Golden Bell). 6 ft. Zone V. Good May show. Drooping branches root and hold banks.

3-4 ft. \$3.95 each, 10 for \$32.50

NEW FORSYTHIAS

Beatrix Farrand. 6 ft. Vigorous. 2-inch flowers, huge deep gold with orange markings. Splendid.

*6-12 in. X 10 \$8.50, 100 \$55.00
2-3 ft. \$2.00 each, 10 \$15.00
4-5 ft....\$3.50 each, 10 \$27.50

Arnold's Brilliant. Unusually bright tone of yellow, very fine.

2-3 ft. \$2.75 each, 10 \$20.00

SHRUBS



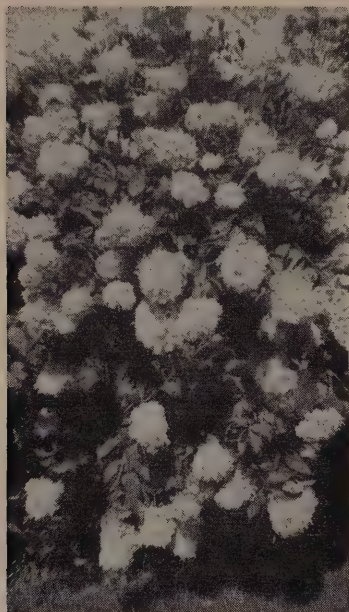
Chaenomeles (Quince)



Hamamelis mollis

*=Young, unformed
 x=Transplanted
 BB=Ball of earth
 (See page 2)

HAMAMELIS Japonica rubra (Red Japan Witch-hazel) 20 ft. Zone V. Showy in Feb. and March.
 *2 yr. graft (1 to 2 ft.) \$4.00 each
 (10 for \$30).



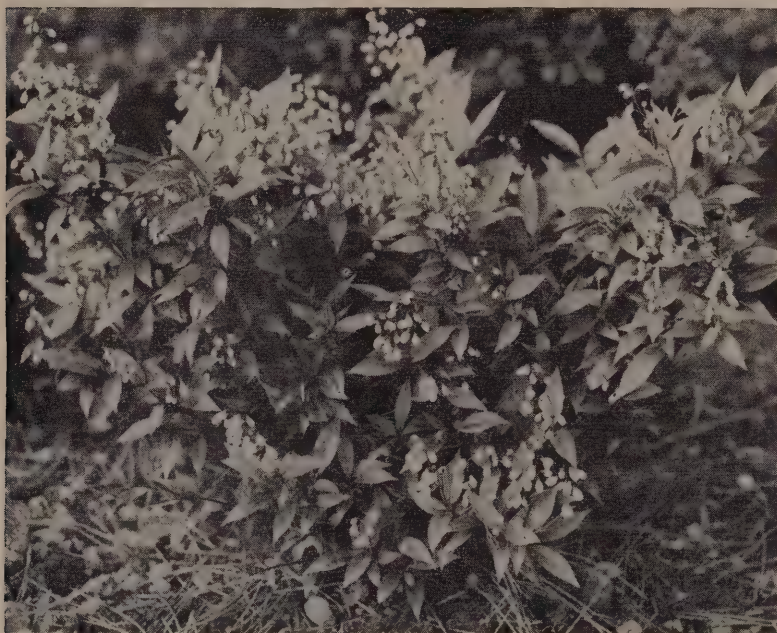
Hydrangea paniculata grandiflora

Mollis (Chinese Witch-Hazel). Very Showy yellow. Feb. and March.
 2 yr. (1-2 ft)\$4.00, 10 \$30.
 2-3 ft. \$6.00, 4-5 ft. \$9.50

—**brevipetala**. Same, but with tighter blooms.
 18-24 in. \$5.00 each, 10 \$42.50

vernalis (Spring Witch-Hazel). 6 ft. Zone V. Yellow, fragrant in April. Interesting.
 *12-15 in. S. 10 \$5.00, 100 \$35.00
 3-4 ft. \$3.00, 10 \$22.00, 100 \$150

virginiana (Winter Witch-Hazel). 12 ft. Zone IV. Yellow in November.
 *12 in. S.25 \$5.00, 100 \$15.00
 2-3 ft. \$2.50, 10 \$15.00, 100 \$75.00



Deutzia gracilis—good dwarfs are few.

HALIMODENDRON halodendron (Salt-tree) 6 ft. shrub. Zone II. Lilac blooms. June. Handsome and graceful.
 3-4 ft..... \$5.95 each, 10 \$50.00

HIBISCUS syriacus (Althaea). 12 ft. Tree-like. Zone V. Heavy soil. Various colors in July and August. A useful shrub.

—**Double Red**. Showy flower.

—**Totus albus**. Single white.

—**Jeanne d' Arc**. White, double.

—**Rubis**. Single red.

Any of above kinds:

*12 in. S25 \$5.00, 100 \$15.00
 2 ft. \$1.50 each, 10 \$10.00

HYDRANGEA arborescens grandiflora (Snow Hill). 4 ft. Zone IV. Straggling unless cut to ground. Huge white blooms, July-August. Manure.
 2-3 ft. \$1.80, 10 \$15.00, 100 \$125.

Macrophylla Nikko Blue. A fine, huge flowered shrub. 5 ft. Zone VI. Blue all summer.
 *1 yr. X 25 for \$16.00, 100 \$50.00
 2 yr. bushy \$2.50, 10 \$18.00

—**Mariesi**. Another horticultural form. Large pink all summer.
 3 year \$2.25 each, 2 \$4.00 ppd.

paniculata grandiflora (Peegee). 7 ft. Zone IV. Similar to above, a month later, and blooms turn pinkish long after opening.
 *12-18 in. 10 \$8.50, 100 \$33.00
 2-3 ft. \$1.75, 10 \$8.50, 100 \$80.00

—**Tree Form**. 9 ft. Grown to a single trunk.
 3-4 ft. \$4.50; 4-5 ft. \$5.50

Quercifolia. 7 ft. Zone V. "Oak-leaf" Hydrangea. Showy white, June. Handsome just in foliage.
 2-3 ft. \$3.00, 10 for \$22.00

SHRUBS

LAGERSTROMIA
(Crape Myrtle). Great
trusses of bloom. Aug.
to Oct. 15 ft. Zone VI.
Order: Pink, Red or
White.
2 ft. \$1.75, 10 \$15.00



Kerria flora plena

Hibiscus Syriacus



HYPERICUM Frondosum (aureum). Golden St. Johnswort.
—Hidcote. 2 ft. Zone V. Huge
bright yellow. June to Oct.

2 year\$2.50 each, 5 \$9.25

Kalmianum. 3 ft. Zone IV.
Brightest gold, July-August. The
best hardy Hypericum.

*12-15 in. X 5 for \$3.00, 100 \$40
2-2½ ft.\$2.00 each, 10 \$12.00

Moserianum (Hybrid) Zone VI.
1 foot spreads. Golden-yellow,
July. Old favorite.

* 2¼ in. pot 10 \$6.00, 100 \$50.00

ILEX verticillata (Winterberry).
15 ft. Zone III. Dampness pre-
ferred. Many red berries all
winter. A show.

*12-18 in. S .25 \$5.00, 100 \$15.00
2-3 ft. \$2.50, 10 \$20.00, 100 \$150.00
3-4 ft. \$3.00, 10 \$25.00, 100 \$200

Serrata. Zone V. Similar, but
smaller in every part.

(pot) 18 in S 10 for \$6.00, 100 \$35
2-3 ft. \$3.00 each, 10 \$20

JASMINUM parkeri. 1½ ft. Zone
VI. Dainty dwarf, yellow flowers.
Very useful for rock-gardens.

3 in. pot \$2.50 each, 5 \$8.50

KERRIA japonica (Kerria). 6 ft.
Zone IV. Single bright yellow all
spring.

*18 in. S10 \$7.00, 100 \$40.00
3-4 ft. X \$2.50 each, 10 \$15.00

—japonica fl. plena. (Double
Kerria). The same with double
yellow blooms.

1½ ft. \$1.75, 10 \$15.00, 100 \$140

KOLKWITZIA amabilis (Beauty
Bush). 8 ft. Zone V. Sun, loose.
A light green fountain flushed
with cascade of pink in June.

* 6-10 in. X 25 \$12.50, 100 \$45.00
2 ft \$2.25, 10 \$18.00, 100 \$120.00
3-4 ft. \$2.75 each, 10 \$20.00

LIGUSTRUM amurense (Amur
Privet "North"). 12 ft. Zone V.
Almost foolproof.

*12 in. (2 Br.) 25 \$3.50, 100 \$10.00
1½ ft. (3 Br.) 25 \$6.50, 100 \$20.00
2 ft. (4 Br.) 10 \$5.50, 100 \$30.00

Ibodium (Hybrid). 12 ft. Zone V.
Like California, but hardier.

*12 in. (2 Br.) 25 \$3.50, 100 \$10
1½ ft. (3 Br.) 25 \$6.50, 100 \$20
3 ft. (4 Br.) 10 \$5.50, 100 \$30

—**Obtusifolium vicary**. (Very
Golden Privet). Bright yellow
leaves. 9 ft. Zone III.

6-12 in. X10 \$7.00, 100 \$55.00
12-15 in. \$2.00, 10 \$15.00, 100 \$95

—**Regel's**. 6 ft. Zone V. Hand-
some, dense shrub. Horizontal
branches.

2-3 ft.5 \$6.00, 100 \$95.00

Ovalifolium (California). 20 ft.
Zone VI. Common, popular.

12 in. (2 Br.) 25 \$3.50, 100 \$10.00
2 ft. (4 Br.) 25 \$10.00, 100 \$30.00

LILAC (Syringa, page 32)



Philadelphus virginal



Kolkwitzia)

LONICERA fragrantissima. (Winter Honeysuckle). 6 ft. Zone V. Yellow, fragrant, April; red berries, July. Semi-evergreen.

*12-18 in. 25 \$4.00, 100 \$12.00
2-3 ft. \$1.35, 10 \$7.50, 100 \$60.00

Compacta nana (Clavey's dwarf) Zone IV, 4 ft., dense low growth.

*12 in. X 10 \$8.00, 100 \$45.00
15-18 in. \$1.50 each, 10 for \$9.50

korolkowi (Broad Blueleaf). 9 ft. Zone IV. Intricate gray shrub. Pink, June, scarlet fruit, July.

3-4 ft. \$1.95 10 \$15, 100 \$120

morrowi (Morrow Bush Honeysuckle). 7 ft. Zone III. Spreading, bushy. Cream in May, scarlet fruit in July.

2-3 ft. 2 \$3.50 ppd., 25 \$22.50

LONICERA tatarica (Tatarian Honeysuckle). 8 ft. Zone IV. Bushy. Flower, June; red berry, July. Order: **White or Pink.**

*12-18 in. 25 \$4.00, 100 \$12.00
1½-2 ft. \$1.25, 10 \$6.00, 100 \$35

—**Zabelli (Red).** Fine color form of *tatarica*.

*12 in. X 10 \$5.00, 100 \$35.00
2 ft. \$1.55, 10 \$11.00, 100 \$90.00

MYRICA carolinensis (Bayberry). 6 ft. Zone II. A shapely rounded bush. Good foliage. Barren, sandy soils.

*6-12 in. S 10 \$6.00, 100 \$45.00
12 in. Clump 5 \$12.00, 100 \$150.00
18-24 in. \$3.75, 10 \$27.50

NEMOPANTHUS mucronata (Mountain Holly) 9 ft. Zone III. Attractive red fruit Aug.- Sept.

2-3 ft. \$3.50, 10 \$30.00

PHILADELPHUS coronarius (Sweet Syringa). 9 ft. Zone IV. White in June. Very fragrant. Needs lime.

*12-18 in. 25 \$4.50, 100 \$15.00
1½ ft. \$1.20, 10 \$5.00, 100 \$40.00

—**Frosty Morn.** 4 ft. Zone IV. White, double, fragrant, July. Fine new dwarf. (Pat. 1174)

18-24 in. \$2.00 ppd., 5 \$9.00

—**virginal.** 8 ft. Zone V. Double, fragrant, translucent white blooms load the bush in June. Then a few show through summer, particularly if pruned.

*6-12 in. S. 10 \$4.00, 100 \$25.00
2 ft. \$1.50, 10 \$12.50, 100 \$95.00

—**Minnesota snowflake** (new). Double, fragrant, large flowers. Zone III. (Pat. 538)

18-24 in. \$1.65 each, 10 \$12.50
2-3 ft. \$1.95 each, 10 \$16.00

PHOTINIA villosa (Christmas Berry). 20 ft. Zone IV. Drain, sun. White in May. Showy red fruits. Birds love it.

*8 in. S 10 \$6.00 ppd., 100 \$30.00
3-4 ft. \$2.50 each, 10 \$20.00
5-6 ft. \$3.50 each, 10 \$30.00

POTENTILLA fruticosa. 5 ft. Zone II. Large bloom, May to August. Sun, drain, moist.

—**purdomi.** Light yellow variety
18 in.—\$3.50 2 ft.—\$4.50

—**Golddrop.** Dwarf fern-like leaves, gold flowers all summer. Zone IV.

1-1½ ft. \$1.60 each, 2 \$2.95 ppd.

PHYSOCARPUS opulifolius Nanus. (Dwarf Nine-bark) 4 ft. Zone II. Showy white, June-July.

*12 in. S 25 \$5.00, 100 \$15.00
1½-2 ft. X \$1.50, 10 \$12 100 \$95

RHAMNUS frangula (glossy Buckthorn). 18 ft. Zone II. Lustrous leaf. Hedge.

*18 in. S 25 \$6.00, 100 \$15.00
4 ft. X 5 for \$8.50, 100 \$98.00

RHODOTYPOS scandens (Jet-head). 6 ft. Zone IV. Showy white late in May. Showy black fruit. 2-3 ft. \$1.75, 10 \$15.00, 100 \$95.00

RHUS canadensis (Fragrant Sumac). 4 ft. Trailing. Zone III. Yellow, April. Grows in poor soil. Fine bank cover.

1½ ft. \$1.75, 10 \$12.00, 100 \$75.00
3 ft.\$2.75, 10 \$18.00, 100 \$95.00

RIBES alpinum (Alpine Currant). 7 ft. Zone II. Scarlet berries all summer and autumn. Stands shade.

*2-inch pot25 \$9.50, 100 \$30.00
15-18 in.\$1.95, 10 for \$15.00

ROBINIA hispida (Rose Acacia). 10 ft. Zone V. Large rosy flowers in May. Very tolerant. Showy.

*12 in. S25 \$5.00, 100 \$15.00
2-3 ft.\$2.00 each, 10 \$15.00

ROSA (Shrub roses). Hardy, tolerant. Need sun. See page 44.

hugonis (Hugo Rose). 6 ft. Zone V. Yellow in April or early May. 1½-2 ft.\$2.00 each, 10 \$17.50

rugosa. Pink all summer. 6 ft. Zone II. Stands sea-shore. 15-18 in. \$2.00 each, 10 \$18.00

rugosa Hansa. Double red form. 18-24 in. \$2.50 each, 10 \$20.00

rubiginosa (Eglanteria) (Sweet-briar). Zone IV. Pink, June. fragrant leaf.

1-2 ft.\$4.50 ppd., 100 \$45.00

Wichuriana. (Page 54.)

STAPHYLEA trifolia (Bladder-nut) 12 ft. Zone III. Handsome green leaf, white in May. Tolerant.

*1 yr. S10 \$6.00, 100 \$40.00
1½-2 ft. X....\$1.95, 10 \$15, 100 \$95

STEPHANANDRA incisa crisp-ania. 2 ft. Spreads. Zone IV. Zigzag growth. Handsome fern-like leaves, purple in fall. Stands shade.

12 in. X....\$2.95 each, 12 for \$27.50

SPIRAEA Anthony Waterer. 3 ft. Zone V. Pink, June to August. *12-15 in. X 10 \$10.00, 100 \$55.00

—**japonica coccinea**. Improved form of above.

*2 in. pot10 \$6.00, 100 \$35
2-3 ft. X.....\$2.95, 10 \$20, 100 \$95

Arguta. 8 ft. Zone IV. Pure white in May. Showiest early Spiraea.

2-3 ft. \$1.75, 10 \$12.50, 100 \$90.00

macrothyrsa. 4 ft. Zone IV. Spikes of bright cameo pink all summer if kept cut. No pests. Sun or part shade.

1½-2 ft.\$1.50, 10 \$10, 100 \$90

Van Houttei (Modern "Bridalwreath"). 6 ft. Zone IV. Familiar everywhere for the white May garlands.

*12-18 in.25 \$6.00, 100 \$18.00
1½ ft. \$1.00, 10 \$6.50, 100 \$50.00
3 ft.\$2.00 each, 10 \$13.50

prunifolia (true Bridalwreath). 8 ft. Zone V. Double white, May. 2 ft. X....\$1.50, 10 \$9.50, 100 \$75.00

SYMPHORICARPOS racemosus (Snowberry). 5 ft. Zone III. Clay, lime. Useful for showy white berries in August. Good dwarf shrub.

1½ ft. ..\$1.35, 10 \$6.50, 100 \$45.00

—**White Hedge**. Improved, neat form.

*2 yr.10 for \$6.00, 100 \$35.00
2-3 ft. X..\$2.00, 10 \$15.00, 100 \$90

vulgaris (Coralberry). 5 ft. Zone II. Berries red, hang late.

*12-15 in. S 25 \$4.00, 100 \$15.00
2-3 ft.5 for \$4.00, 100 \$45.00

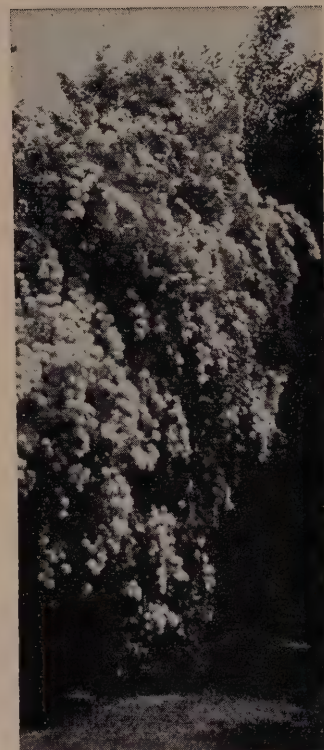
—**Magic Berry**. Better form. Showy.

*2 yr.10 \$6.00, 100 \$35.00
2-3 ft. X..\$2.00, 10 \$15.00, 100 \$95

chenaulti. 8 ft. Zone III. Graceful. Rose-pink berries.

*12 in. ..10 ppd., \$3.00, 100 \$15.00
2-3 ft.\$1.75, 10 \$12, 100 \$90.00

SHRUBS



Spiraea Van Houtte
Symphoricarpos racemosus



NAMED FRENCH LILACS

Huge fragrant trusses in many colors. Both "S" (Single) and "D" (Double) forms are charming. Ratings below are by experts—10.0 would be perfect. Color notes are mere indications. Zone III.

Any 5 below 2 to 3 feet **\$12.00 postpaid.**
(25 for \$45.00)

- Belle de Nancy** (6.2) D. Pink
- Charles Joly** (6.8) Double Red. Good
- Charles Tenth** (6.8) Single Red
- Ludwig Spaeth** (7.8) S. Reddish. Fine
- Mme. Casimir Perier** (6.3) D. White
- Mme. Florent Stepman** (6.8) S. White
- Michael Buchner** (7.2) D. Pink
- Pres. Grevy** (6.9) D. Blue. Favorite
- Thunberg** (6.9) D. Pinkish. Unusual
- Vestale** (8.5) S. White. Outstanding
- Violette** (7.2) S. Blue. Excellent.
- Volcan** (6.7) S. Reddish
- Waldeck Rousseau** (6.7) D. Rose-pink.



Rosa Hugonis

Photo below:
Hybrid Lilac
Single and
Double.



SYRINGA *the Lilacs*

All tolerant, but need extra lime.
All hardy, fine for the north.

chinensis ("Rothomagensis") (6.9) 12 ft. Zone V. Graceful; Lilac, May. Very faithful bloomer. Lime. Sun.

2 ft.\$1.75, 10 \$12.50, 100 \$95.00

Japonica (Tree Lilac) 30 ft. Zone V. Blue-gray clusters in June and July. Different. Tolerant.

4 to 5 ft.\$7.00 each, 10 \$50.00

microphylla (Everblooming Lilac). 6 ft. Zone V. (7.3). Light lilac blooms in June and fall.

2-3 ft.\$2.50 each, 10 \$20.00

—**superba (Daphne Lilac)** Shapelier, and color pink, red buds. Grand.

2-3 ft.\$2.75 each, 10 \$19.00

persica (Persian Lilac). 6 ft. Zone V. Pale purple, fragrant.

*12 in. S25 \$6.50, 100 \$20.00

2-3 ft.2 ppd. \$2.50, 100 \$70.00

Swegiflexa (Pink Pearl Lilac). Zone V. 7 ft. June 1st show of large panicles, neat grower. Fine plant.

4-5 ft.\$5.50, 3 for \$15.00

vulgaris (Old-fashioned Lilac). 15 ft. Zone III. Spreads by suckers to huge clumps. Purple, May. Fragrant.

*12-15 in. S 10 \$5.00, 100 \$18.00

1½ ft. \$1.50, 10 \$8.00, 100 \$60.00

2 ft.\$1.75, 10 \$13.50, 100 \$90.00

—**alba**. White form of above.

1½ ft.\$1.50, 10 \$10, 100 \$90.00

villosa (Late Lilac) (6.2). 9 ft. Zone II Pale pink-lilac in June.

*12 in. X 10 for \$9.00, 100 \$65.00

2 ft.\$2.50 each, 10 \$20.00

SHRUBS

TAMARIX—summer glow. 10 ft. Zone II. Red racemes. July-Aug. 1½-2 ft.\$2.00 each, 10 \$15.00

—**pink cascade**. 7 ft. Neater growth. Pink bloom all summer. 2 year\$2.25 each, 10 \$20.00

VITEX macrophylla (Chaste tree). 6 ft. Zone V. Showy blue, July to frost. Sun, acid soil. 18-24 in. \$1.50 each, 2 \$2.50 ppd.

VIBURNUM -- *Shrub Aristocrats*

Not only showy flower and fruit but perfect in leaf and branch too. Charming, tolerant.

burkwoodi. 5 ft. Zone V. New hybrid, with fragrant pink blooms in May, borne young. Superior to *Carlesii*. Half evergreen.

*3 in. pot6 postpaid \$9.50
1½-2 ft. \$4.00 each, 5 for \$18.00

carlesii (Fragrant Viburnum). 5 ft. Zone IV. Delicious pink clusters in May. Drain; keep moist in summer. Sun, shelter. Fragrant, beautiful.

*6-12 in. S...25 \$15.00, 100 \$45.00
12-18 in. X \$2.50, 10 \$20, 100 \$200
2-3 ft.\$3.50 each, 10 \$25.00

carlocephalum. Zone IV. 7 ft. huge white snowballs in May. New hybrid.

15-18 in.\$4.50 each, 3 \$12.00

dilitatum (Linden Vib.). 9 ft. Zone V. Showy white, May. Red fruit all winter.

*18 in. S 10 ppd. \$7.50, 100 \$40.00
4-5 ft.\$2.75, 10 \$20.00, 100 \$150

lantana (Wayfaring Tree). 15 ft. Zone III. Bold, striking, fall color. Fruits red, then black. Lime.

*6-12 in. S 25 \$6.00, 100 \$22.00
2-3 ft.\$2.00 each, 10 \$15.00

WEIGELA rosea. 9 ft. Zone V. May. Pink. Drainage.

*12-18 in.25 \$5.00, 100 \$15.00
2-3 ft. \$1.50, 10 \$9.00, 100 \$55.00

—**Eva Rathke**. Dark red blooms in June, then sparsely to August. 2-3 ft. \$1.50, 10 \$13.50, 100 \$110

—**Vanicecki**. Bright red blooms. June to August and plenty of them. Splendid new variety.

*1 yr. X 10 \$6.50, 100 \$45.00
2-3 ft.\$1.95 each, 10 \$15.00

opulus (European Cranberry). 12 ft. Zone III. White, May. Fruit and leaf red in autumn. Strong bold effect. Very handsome.

*12-18 in. S 25 \$8.00, 100 \$25.00
2-3 ft. \$1.90 each, 10 \$15.00

theiferum (*Setigerum*). 12 ft. Zone V. Bright red autumn fruit. Showy.

*12 inch S 10 ppd. \$6.50, 100 \$35
4-5 ft.\$2.95, 10 \$20.00, 100 \$150

—**auranticum**—form with bright yellow fruit. Rare and fine.

2 yr. graft\$2.95, 10 \$25.00
4-5 ft.\$5.00 each, 10 \$37.50

tomentosum (Doublefile Viburnum). 10 ft. Zone IV. Horizontal strings of snowy blooms in June.

*12-18 in. S 25 \$12.00, 100 \$45.00
2-3 ft.\$2.75 each, 10 \$18.00

—**mariesi**. Neater growth, flowers at an earlier age. Good.

*6-12 in. X...25 \$13.50, 100 \$45.00
2-3 ft.\$2.75 each, 10 \$18.00

—**plicatum** (Japan Snowball). Form without fruit, but showier.

1½-2 ft. \$1.95, 10 \$12.50, 100 \$95

trilobum (American High-bush Cranberry). 12 ft. Zone II. Bright berries all winter. Fall color.

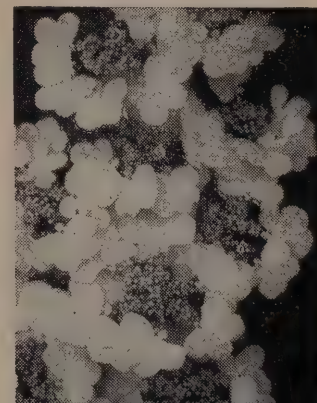
*6-12 in. S 25 \$5.00, 100 \$15.00
2 ft. \$1.75, 10 \$15.00, 100 \$125.00

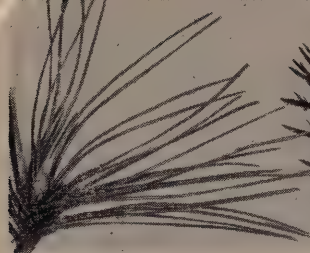


Viburnum Carlesii



Viburnum Opulus
Viburnum Tomentosum





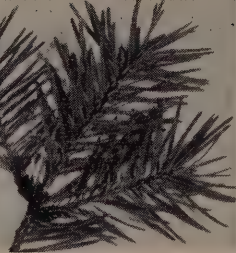
Pinus



Taxus



Tsuga



Abies



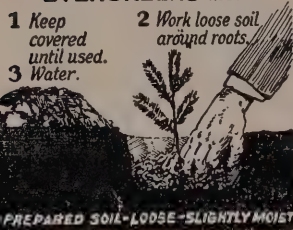
Chamaecyparis

SPACING EVERGREENS. Plants from 1 to 3 feet high should be spaced 3 feet apart. Rearranged after 3 to 10 years.

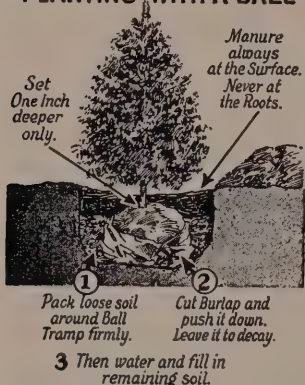
DELIVERY COSTS. Prices include packing only on small, bare-root sizes. On sizes marked "B&B," boxing is usually about 10% of the price additional. Express on small sizes is low (10 to 15%)—but on plants B&B it is about 40%.

PLANTING

EVERGREENS BARE ROOT



PLANTING WITH A BALL



It is easy to train an evergreen. See sketch at right.

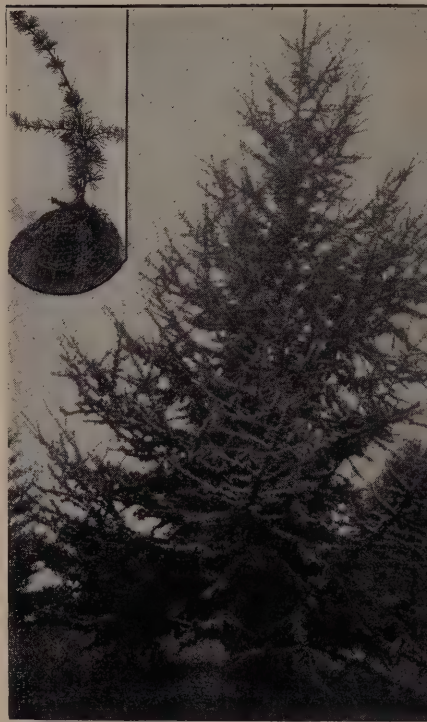
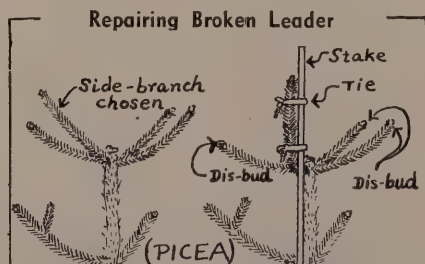
ABIES balsamea (Balsam Fir). 60 ft. Zone III. Dark, shapely pyramid. Needs cool moist soil.
*4-6 in. S25 \$4.00, 100 \$9.50
*12-15 XX 10 for \$15.00, 100 \$125
2-2½ ft. BB \$7.50 each, 10 \$60.00

concolor (White Fir). 50 ft. Zone IV. Dense pyramid silver green. Drainage. Tolerant in cities. Softest silver—almost white.
*4-6 in.25 \$11.50, 100 \$35.00
*9-12 in. X....10 \$13.00, 100 \$30.00
*6-10 in. X 25 for \$16.50, 100 \$50
2 feet BB \$12.00 each

douglasi (*pseudotsuga taxifolia*) (Douglas Fir). 70 ft. Zone IV. Evergreen tree. Handsome pyramid. Prefers rich soil. Tolerant.
*4-6 in. X25 \$6.00, 100, \$20.00
*12 in. X..25 for \$15.00, 100 \$45.00
2-2½ ft. BB \$7.50 each, 10 \$65

Fraseri (She-Balsam). 80 ft. Zone IV. Better in Zone V South.
*6-12 in. S.25 \$7.50, 100 \$25.00
12 in. BB (collected)10 \$15.00

CEPHALOTAXUS drupacea (Plum-Yew). Rugged green, bushy tree to 25 ft. suggests spreading Yew. Zone VI. Edible fruit.
*12-15 in. X 2 ppd. \$3.95, 10 \$15



Cedar of Lebanon
(Insert, 4-inch pot plant)

CEDRUS deodara (Deodar Cedar). 100 ft. Zone VI. Graceful pyramid. Unusual foliage.
*4 in. pot 2 for \$6.00, 10 \$25.00
2-2½ ft. BB \$7.00 ea., 10 \$50.00

Libani (Cedar of Lebanon). 90 ft. Zone V. Picturesque and stately. Rare.
*4 in. pot. 2 \$6.00 ppd., 10 \$25.00

Atlantica (Mt. Atlas Cedar). 90 ft. Zone VI. Blue-green stately pyramid. Scarce.
2½-3 ft. BB \$10.00 ea., 10 \$90.00
—**glauca**. Blue needle form.
18-in BB (3 yr. graft) \$7.00 each



Picea

Cedrus

Juniper

Evergreens

(Quantity Prices Page 48)

Pages 34 to 41

Chamaecyparis

"Retinospora" (Japan Cypress). Evergreen trees of easy culture.

filifera (Thread Cypress)—18 ft. Stringy leaves. Compact broad pyramid. Semi-dwarf. Unusual appearance. Zone III.

*2¼ in. pot 2 ppd. \$2.50, 10 \$9.00
2-2½ ft. BB\$9.50 each

obtusata gracilis (Hinocki Cypress). 10 ft. Zone III. Acid, humid, moist. Ornamental, slow. Slender. Dark green column. 18-24 in. BB \$7.50 each, 10 \$65.00

—minima glauca. Dwarf, blue foliage. Interesting, handsome. 2¼ in. pot 2 ppd. \$3.45, 10 \$12.00

—nana (Dwarf Hinocki). A 5 ft. dwarf that looks ancient when it is born. Excellent in rock gardens.

*2¼ in. pot....10 for \$9.50, 100 \$75
*10 in. X.....2 for \$4.00, 5 \$9.50

squarrosa veitchii (Silver Moss Cypress). Unusual. 20 ft. Dense, wooly silver foliage unlike any other evergreen. Apt to winter damage north of Zone VI.

*4-6 in. X 10 ppd., \$7.50, 100 \$50
*10-12 in. X..2 ppd. \$4.00, 10 \$12
2½ ft. BB .. \$7.50 each, 10 \$60.00

—pygmaea. Dwarf form, about 6 ft. Silver foliage.

*2¼ in. pot 10 \$10.00, 100 \$70.00
4 in. pot\$3.00 each, 10 \$25.00

—Cyano viridis. Blue, as in Koster Spruce. Compact bush.

*2¼ in. pot10 for \$9.50, 100 \$50
18-24 in. BB.....\$7.50, 10 \$65.00

pisifera (Sawara Cypress). 35 ft. Any good soil. Loose growth. Makes a quick pyramid tree and stands harsh exposures. Zone III.

*4-6 in. X10 \$7.00, 100 \$45.00
*10-12 in. X..10 for \$2.00, 100 \$75
2 ft. BB\$6.50 each, 10 \$60.00

plumosa (Plumed Cypress). 35 ft. Feathery pyramid. Good hedge plant. A good accent tree. Often used in foundation plantings, but not suitable really. Zone III.

*4-6 in. X10 \$7.00 ppd., 100 \$45
2 ft. BB \$6.50 each, 10 \$60.00

—aurea (Gold-Plume). 25 ft. Good yellow color at tips. An interesting tree.

*10-12 in. X .. 10 \$9.50, 100 \$70
1½ ft. BB\$6.00 each, 10 \$45.00

CRYPTOMERIA japonica. 80 ft. Zone V. Pyramid with unusual evergreen foliage.
*4-6 in. X.....10 \$5.00
*pot (12 in.) ..5 \$7.00
3-4 ft. BB..\$12.00 ea.

—japonica nana. Dwarf, dense, spreading. Unique, rock garden.

2¼ in. pot plants
2 for \$3.75, 10 \$15.00

—japonica lobbi. Compact to 30 ft. Good narrow pyramid. Extra hardy form.

*pot (12-15 in.)
2 for \$3.75 ppd.
(10 \$15.00)



PHOTO: 3. *C. plumosa*.
4. *C. squarrosa* Veitchii.
5. *C. filifera*. 8. Hedge
of *Chamaecyparis plumosa*. 12. *Chamaecyparis obtusa nana*.

PHOTO BELOW:

Top row: *Junipers Squamata*, *Sargentii*, *communis depressa*, *virginiana*, *virginiana glauca*.

Bottom row: *Sabina*, *Andora*, *excelsa stricta*, *communis hibernica*, *procumbens*, *pfitzeriana*.



sargentii (Sargent). 3 ft. Zone IV. Flat, spreading. Color grass green, a neat plant.

12-15 in. BB \$7.50 ea.,
10 for \$70.00

Sabina. 5 ft. Zone IV. Good vase - shaped bush. Grows in any soil. Very useful evergreen.

*9-12 in. XX 10 \$12.50
100 \$110.00
15-18 in. BB \$5.50 ea.
10 \$40.00

Squamata Meyerii (Meyer Juniper). 5 ft. Zone IV. Upright in a natural way, not stiff. New growth purple, old growth green.

18-24 in. BB \$6.50 ea.
10 \$60.00

Juniperus

chinensis pfitzeriana (Pfitzer Juniper). 6 ft. Zone IV. Gorgeous bush, a cloud of silver in spring, then bright green. Spreads picturesquely. Stand soot, smoke, and drought in city plantings.
*4-6 in. X10 \$6.50, 100 \$45.00
*2 1/4 in. pot ..10 \$8.50, 100 \$65.00
*12-15 in. XX 10 \$20.00, 100 \$160
12-15 in. PB (pg. 72) 2 ppd. \$5.95
18-24 in. BB \$6.50 each, 10 \$50.00

Pfitzer aurea (Golden Pfitzer) form with bright yellow tips.
*12 in. X2 for \$2.75, 10 \$12.00
*12 in. XX..10 for \$20.00, 100 \$160
18 in. BB\$8.00 each 10 \$65.00

pfitzer hetzi. Vigorous variety with blue-silver color. Fine. New. Better growing habit than Pfitzer.

*4-6 in. X .. 10 \$6.50, 100 \$50.00
*9-12 in. XX..10 \$14.00, 100 \$130
1 1/2 ft. BB..\$6.00 each, 10 \$50.00

Evergreens that succeed even in well-drained soil in full sun.

horizontalis (Creeping Savin). 2 ft. Zone II. Flat spreading, covers large areas.

*4-6 in. X....10 for \$6.50, 100 \$45
*8-10 in. X....10 for \$9.50, 100 \$75

—*Bar Harbor*. Famous but scarce. Very dense and neat.

*2 1/4 in. pots 10 \$8.50, 100 \$50.00
*10-12 in. XX 5 for \$12.50, 100 \$95

—*plumosa* (Andorra Juniper). A dense, low mat, with soft crested plumes turn purple in winter.

*4-6 in. X.....10 \$6.50, 100 \$45.00
*12-15 in. XX 10 \$16.50, 100 \$125
18-24 in. BB \$6.50 each, 10 \$55.00

—*Douglasi* (Waukegan Juniper). Dense low mat of steel blue foliage.

*2 year pot....25 \$15.00, 100 \$60.00
12-15 in. BB \$6.75 each, 10 \$55.00

Picea (the Spruces)

Evergreens

Below: *Picea pungens*



These evergreens are easily grown in normal garden soil. Full sun.

abies — “*excelsa*” (Norway Spruce). 80 ft. Zone II. A dark green, drooping pyramid. Shallow roots enable planting on thin soils. Enormously popular for quick growth.

*6-9 in. X : 25 \$6.50, 100 \$20.00
*12 in. XX .. 10 \$12.00, 100 \$95.00
2-2½ ft. BB \$5.50 each, 10 \$48.00

—**Remontii** dwarf globe shape, yellow stems, dense green leaves.

*2¼ in. pot 2 for \$3.50
12 in BB\$8.75 each

—**Maxwell's**. 2 foot, spreading dwarf. Bright green. Interesting, tiny needles.

*2¼ in. pot.2 for \$3.50 ppd.

LIBOCEDRUS decurrens (Incense Cedar). 100 ft. Zone V. Tall, narrow.

*18-24 in. X ppd. \$3.75, 10 \$25

glauca (alba) (White Spruce). 80 ft. Zone II. Quick-growing and shapely. In the northeast generally more satisfactory than Norway for forest planting.

*9-12 in. X 25 \$7.00, 100 \$20.00

*9-12 in. XX \$25 \$20.00, 100 \$65

1½-2 ft. BB \$5.50 each, 10 \$47.50

—**g. densata** (Black Hills). 20 ft. Zone III. Better suited to dry climates than White Spruce. A majestic bushy pyramid.

*6-9 in. X 25 \$8.00, 100 \$25.00

*9-12 in. XX 10 \$13.50, 100 \$95

2 ft. BB\$7.50 each, 10 \$60.00

—**g. conica** (Dwarf Alberta). Miniature in height and leaf. 6 ft. Zone III. Tiny and slow. Probably the best true dwarf conifer.

*2¼ in. pot 2 ppd. \$3.50, 10 \$15

2-2½ ft. BB \$13.50, 10 \$110.00

Omorika (Serbian Spruce)

90 ft. Zone IV. Dense narrow pyramid. Slow growth. One of the best. Moist soil.

*8-10 in. 2 ppd. \$3.75, 100 \$95.00

pungens (Colorado Spruce). 80 ft. Zone II. Best spruce for dry climates. Very tolerant. Varies from green to silver as offered here (mostly green).

*6-9 in. X 25 9.00, 100 \$28.00

*8-12 in. XX 10 \$15.00, 100 \$95

1½ ft. BB \$6.00 each, 10 50.00

—**p. glauca**. Selected blues. Not as good color as grafted, but good. Color does not show in smaller plants.

12-15 PB (page 72) 2 ppd \$5.95

18 inch. BB \$10.00 each, 10 \$75.00

—**p. kosteri** (Koster Blue). Grafted Blue Spruce. Bluest of all known spruces. Only small plants this year.

1 yr. graft. 2 for \$7.00, 10 \$32.50

2 yr. graft \$5.00, 10 \$44.00

—**p. Mocrheim**, perhaps a better blue. Same prices as Koster.

JUNIPERUS (Cont.)

communis hibernica (Irish Juniper). 15 ft. Zone III. Green column. Popular. This makes a fair substitute for the thin spires of true Cypress.

*4-6 in. X10 \$7.00, 100 \$45.00

*9-12 in. XX 10 \$9.00, 100 \$75.00

2 ft. BB\$5.50 each, 10 \$45.00

excelsa stricta (Greek Juniper). 6 ft. Zone V. Blue, stiff, fat pyramids. A fine dwarf, very neat, but rather formal.

*4-6 in. X10 \$6.50, 100 \$45.00

12-18 in. BB \$4.75 each, 10 \$40.00

Virginiana (Native Red Cedar). 30 ft. Zone II. Prefers a loose soil. Usually a dark green pyramid. This is best used in masses. Easily grown. Should be sheared.

*6-12 in. S.10 \$3.50, 100 \$25.00

*12-18 in. XX 25 \$30.00, 100 \$90

3-4 ft. BB \$10.00 each, 5 \$45.00



Picea Alba (White Spruce)

Pinus (the Pines)

Pines vary in size and shape but are alike in one thing—all thrive in windy exposed locations.

Cembra (Swiss Stone-Pine) 70 ft. Zone III. Slow growth, dense and handsome column.
1 yr. graft. 2ppd \$5.00, 10 \$20.00

montana mughus (Mugho). Zone II. 3 ft. Broad, low bushy.
*2-4 in. X25 \$7.00, 100 \$25.00
*6-8 in. X 25 \$15.00, 100 \$45.00
12 in. PB (page 72) 2 ppd. \$5.95
15-18 in. BB \$7.50 each, 10 \$55.00

nigra (Austrian Pine). 70 ft. Zone IV. Compact for a large tree. Neat. Likes lime. Seashore but not on the water.
*9-12 in. X25 \$8.50, 100 \$30.00
*9-12 in. XX10 \$10.00, 100 \$65
2-3 ft. BB \$6.75 each, 10 \$60.00

resinosa (Red or Norway Pine). 80 ft. Zone II. A fine native with long dark needles and spreading habit. Very easily grown. Few insect pests. Most popular.
*9-12 in. X 25 \$12.00, 100 \$35
*12 in. XX 10 \$10.00, 100 \$75.00
2 ft. BB\$6.50 each, 10 \$50.00

strobus (White Pine). 90 ft. Zone III. The noblest native evergreen. Prefers rich soil. Light green needles, soft and dense.

4-6 in. X 25 \$6.50, 100 \$20.00
12-18 in. BB (bushy, collected)
10 \$13.50, 100 \$110.00
2-3 ft. BB \$6.50 each, 10 \$55.00

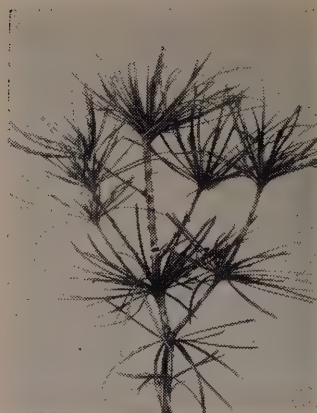
sylvestris (Scots Pine). 90 ft. Zone II. Large, stately tree. Useful for sandy, barren soils, but grows tall in gardens. Prefers acid. Popular in small sizes for forest plantings.

*6-9 in. X25 \$5.50, 100 \$18.00
*12-18 in. X 25 \$10.00, 100 \$35.00
2-3 ft. BB\$6.00 each, 10 \$55.00

The Sea-Shore Pine

thunbergi. 60 ft. Zone IV. Picturesque, branching, as seen in Japanese prints. Stands salt spray.

*6-10 in. S 10 \$6.00, 100 \$35.00
*10-15 in. XX. 10 \$22, 100 \$175
18-24 in. BB \$5.50 ea., 10 \$45



SCIADOPITYS verticillata (umbrella pine) 100 ft., but slow growing. Zone V. Dense pyramid. Long needles, in ray formation.
*3-in. pot. \$2.95 each.
(10 for \$20.00)

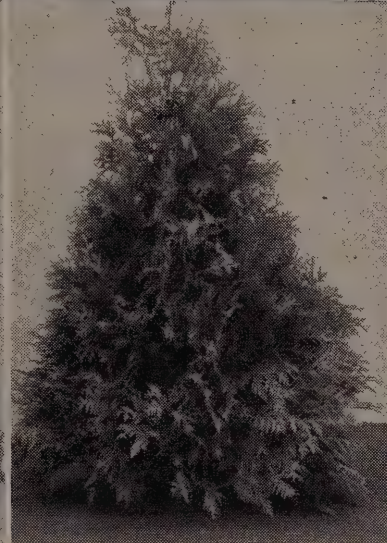
Photo of Pines

- 6. Cembra (Stone pine)
- 7. Nigra (Austrian pine)
- 11. Strobis (White pine)
- 12. Montana (Mugho)
- 13. Sylvestris (Scots pine)
- 14. Resinosa (Red or Norway Pine)



Photo left:
Weeping Hemlock
(Sargentii)

Evergreens



Northern Hemlock, young specimen

Tsuga — Hemlock

A noble tree. One of the most useful of all evergreens. Dry or wet soils, sun or shade.

Canadensis (Northern Hemlock). 60 ft. Stands shade. The most beautiful native evergreen. Zone IV.

*8-12 in. S25 \$4.50, 100 \$12.50
*4-7 in. X....25 \$7.50, 100 \$25.00
*12 in. XX ..25 \$22.00, 100 \$80.00
*15 in. XX 25 \$35.00, 100 \$130.00
1½ ft. BB ..\$6.25 each, 10 \$55.00
3-4 ft. BB.....\$9.50, \$10 for \$85.00

—**Sargentii** (Weeping Dwarf). Very useful, low and wide.

*12 in. X (2 yr.) \$4.00, 10 \$35.00

caroliniana (Carolina Hemlock). 50 ft. Zone IV. Damp, acid preferred. Dense. Striking shadows. Drooping.

*12-15 in. S ..25 \$5.00, 100 \$16.00
5 ft. BB \$25.00 each

Special Hemlock Offer

Hemlocks naturally make compact root systems if grown in soft humus. We can dig nice shapely young native (collected) bushy plants with a ball of earth, that will give satisfaction and grow into fine specimens. Express runs about 25 cents a plant, paid on arrival. Two kinds, both 8 and 12 inch BB.

TSUGA canadensis

TSUGA carolina

(10) (25) (100)

\$13.50 \$30.00 \$110.00

THUJA. Grows in any good soil, **Occidentalis** (American Arborvitae). 30 ft. Zone II. Pyramidal tree with dense, frond-like, evergreen leaves, popular.

*8-12 in. X.....25 \$9.50, 100 \$30.00
*12-15 in. XX 10 \$12.00, 100 \$75
2-3 ft. BB....\$5.95 each, 10 \$45.00

—**globosa** (Globe AV). 5 ft. Zone II. Good green dwarf. Does not grow out of bounds.

*5-8 in. X.....25 \$15.00, 100 \$50.00
*10-12 in. XX 25 \$35, 100 \$125.00
18-24 in. BB \$5.50 each, 10 \$45.00

—**pyramidalis** (Pyramidal). 25 ft. Zone II. This is perhaps the best tall form of American Arborvitae. Formal, narrow hedges.
*4-6 in. X....25 \$12.00, 100 \$45.00
*12 in. XX 10 \$18.00, 100 \$120.00
12-in. PB (page 72)....2 ppd. \$5.95
2-3 ft. BB\$6.00 each, 10 \$47.50

New Vertical Yews

SENTINALIS (Sentinel Yew). Very narrow, 12 feet.

PILARIS (Pillar Yew). Narrow, short branches. Dark green. 12 feet.

PYRAMIDALIS (Pyramid Yew). Fast growing to 15 feet. Dark green.

GRANDIFOLIA (Bigleaf Yew). Needles enormous. Otherwise *Pilaris*.

STRICTA (Narrowbush). Slow, to 6 feet. Compact.

VERIDIS (Grassgreen Yew). Same as *Stricta*, but bright green.

*6-10 in. X (any one kind)
10 for \$14.50 postpaid
12-15-in. XX (any kinds here)
5 for \$19.50 postpaid.

Taxus (the Yews)

Collection Dwarf Yew

All 8 to 10 inch transplanted, heavy little trees. Roots packed in damp moss. Four different named kinds our selection, but all lowgrowing (Such as *nana*, *Hilli*, *Hicks*, *Vermeulen*, etc.)

2 each (8 plants)
\$9.75 ppd.

5 each (20 plants)
\$18.00 ppd.

Photo shows (left to right):
Rear Row: *Capitata*, *Sentinel*, *Pillar*, *Robusta*, *Stricta*.
Front Row: *Kelsey*, *Nana*, *Vermeulen*, *Cuspidata*.

The all purpose evergreen! Hardy, immune from most pests, withstands shade or full sun. Dark green at all seasons.

Each (10) (100)

baccata adpressa (English Dwarf Yew). 5 ft. Zone VI. upright dwarf.

*8-10 in. X \$9.00 \$75.00
12-15 in. BB \$6.50 55.00

—*repandens* (Creeping English Yew). 3 ft. Zone V. Very slow and hugging the ground. Dense nature. Rockgarden.

*6-8 in. X 8.50 65.00
12 in. BB 8.50 75.00

Hunnewelliana (Hybrid American Yew). *Canadensis* crossed by *cuspidata*. 6 ft. Zone II. A pyramid of dark green, neat. Very hardy, but browns in winter.

*4-6 in. X10 \$6.50, 100 \$45.00
*10-12 in. X 2 ppd. \$3.50, 10 \$12



TAXUS CUSPIDATA (Japanese Yew)

(Each) (10) (100)

cuspidata capitata (Upright Yew) The natural form. Trees to 40 ft. The best type hedge Yew for all general purposes.

*8-10 in. X.....	8.00	55.00
*9-12 in. XX	16.00	130.00
*12-15 in. XX.....	22.00	150.00
18 in. BB.....	7.50	70.00 600.00

cuspidata (Spreading). Commonly offered as "cuspidata." 6 ft. Zone III. A spreading open bush.

*4-6 in. X	6.00	40.00
*8-10 in. X	9.50	80.00
*10-12 in. XX	15.00	120.00
*12-15 in. XX	19.00	160.00
12-in. PB (page 72).....	2 ppd.	\$5.95
12 in. BB.....	6.50	60.00 500.00
2 ft. BB	12.50	.....

—**Jeffreyi** (Jeffrey's Pyramidal Yew). A fine plant. Very narrow and upright in growth. One of the best of the column types.

*4-6 in. X	6.00	45.00
*10-12 in. X	12.00	85.00
12-15 in. BB 7.00	60.00	500.00

TAXUS MEDIA (Hybrid Yew)

(Each) (10) (100)

—**media Hatfieldi** (Hatfield's Yew). 12 ft. Zone IV. A compact cone in outline. The branches are upright. Full of character.

*4-6 in. X	\$6.50	\$45.00
*10-12 in. XX	19.00	160.00
15 in. BB	7.50	70.00

—**m. Andersoni**. A wide vase-shaped form. Zone V.

*4-6 in. X	\$6.00	\$45.00
*12-15 in. XX	12.00	95.00
*10-12 in. XX	16.00	120.00
15-18 in. BB	7.50	65.00

—**m. Browni**. A dense and compact form. Zone V. Easily pruned.

*4-6 in. X	6.00	45.00
*8-12 in. X ..	12.00	95.00
15 in. BB.....	7.50	65.00

(Each) (10) (100)

—**nana** ("Brevifolia") (Dwarf) 4 ft. Zone III. Slow growing, spreading, dense dark foliage. Picturesque. Substitute for Dwarf Boxwood.

*4-6 in. X	6.00	45.00
*2¼ in. pot	9.50	70.00
*10-12 in. X..	12.00	85.00
12 in. BB	7.00	60.00 500.00

—**nana Pyramidalis Hilli**. Same type foliage as c. nana but grows erect. A fat little pyramid.

*4-6 in. X	6.50	50.00
*10-12 in. X	12.00	85.00
12-15 in. BB	7.00	60.00

—**vermeulen** (Upright Brevifolia). 12 ft. Zone III. New. Compact and dense. Broad base and narrow top. Beautiful pyramid with more red berries than most. Short needles.

*4-6 in. X	\$6.00	\$45.00
*8-10 in. X	9.00	65.00
*9-12 in. XX ..	15.00	120.00
1½ ft. BB	8.50	75.00

(Each) (10) (100)

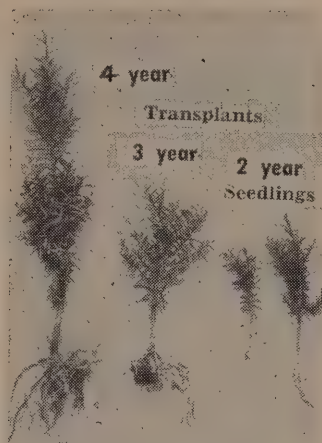
—**m. Hicksi** (Hicks). 7 ft. Zone V. Strong, fat upright shrub. Fine hedge. Good berries.

*6-8 in. X	7.00	50.00
*12-15 in. X..	12.00	95.00
*9-12 in. XX ..	15.00	120.00
12-in. PB (p. 72).....	2 ppd.	\$5.95
15 in. BB	7.50	65.00 600.00

—**m. Kelseyi** (Berrybush). 8 ft. Zone IV. Our introduction 1936 and attracting favorable comment everywhere. Recommended for its wealth of red berries in autumn. Bears young and grows slowly. A dense, full bush. Needles like the Dwarf Yew. Still scarce.

*4-6 in. X	\$ 8.50	\$55.00
*8-10 in. X.....	12.00	90.00
*9-12 in. XX	19.00	160.00

Evergreens



A Yew's Babyhood

Upright Yews take time and cost money to grow, but are worth it. Once well started they grow fast.

8 years old (18" BB)





AKEBIA Quinata (Five-leaf Akebia). Zone V vine. Handsome purple bloom in May. Sun. Drain. Free of disease. Fast growing.

3-year\$3.25 ppd., 5 for \$12.00



AMPELOPSIS brevipedunculata (heterophylla). Vigorous vine. Zone IV. Showy bright blue berries, Sept.-Oct. Called "Porcelain Ampelopsis." An excellent vine. Tolerant.

4-year\$3.25 ppd., 10 for \$20.00

ARISTOLOCHIA durior (Sipho) (Dutchman's Pipe). Vine to 30 ft. Odd, large yellow and brown flowers in May. Large leaves. Vigorous. Tolerant. Zone IV.

2-yr. graft\$3.25 ppd., 5 \$12.00

ARCOSTAPHYLLOS. (Page 55).

CAMPSIS radicans (Bignonia). (Trumpet Vine). 60 ft. Vine. Zone V. Scarlet flowers, July to Sept. Prefers humus. Trained on a post, covers it quickly, and seems a small tree.

*12-in. S 100 \$9.50
2-year\$1.50 each, 5 \$5.00

—**Yellow Trumpet.** Beautiful color, hardy, outstanding, rare.
2 year\$3.75 ppd., 5 for \$15.00

—**Mme. Galen.** Orange and apricot. Gorgeous, showier. Hybrid.
2 year\$5.95 each

CELASTRUS scandens (American Bittersweet). 20 ft. Zone IV.
*12-in. S 10 for \$2.75, 100 \$12.50
2 year\$1.75 each, 10 for \$12.00

Loesneri. 20 ft. Zone V. Red and yellow fruit. Most fruitful and showy of all bittersweets.
2 year\$2.50 each, 6 for \$12.00

Orbiculatus (Oriental Bittersweet). 30 ft. Vine. Zone V. Brilliant red and yellow fruit.

*12 in. S ..10 for \$2.75, 100 \$12.50
2 year\$1.75 each, 10 for \$12.00

Cling	Twine	Need	Tying	o---fruit	x----flower	Early	Summer	Autumn
..	x	..	Akebia	.....	x	..	..	..
x	..	..	Ampelopsis	.....	..	..	0	..
..	..	x	Aristolochia	.....	..	..	..	..
x	..	..	Bignonia	.....	..	x	..	..
..	x	..	Celastrus	.....	..	..	0	..
..	..	x	Clematis	.....	..	x	..	..
x	..	..	Euonymus	.....	..	..	0	..
x	..	..	Hedera	.....	..	..	..	..
x	..	..	Hydrangea	.....	..	x	..	..
..	..	x	Jasminum	..x	..	..	..	..
..	x	..	Lonicera	.....	..	..	..	..
x	..	..	Parthenocissus	.....	..	..	..	..
..	x	..	Polygonum	.....	..	..	x	..
..	x	..	Wisteria	.....	x	x	..	..

CLEMATIS paniculata (Sweet Autumn Clematis). 25 ft. Zone V. Woody and vigorous. Fragrant white, Sept.-Oct. Free from pests.
2 year \$1.80 each, 10 \$12.50

CLEMATIS Hybrids. 8 ft. Zone V. Bloom July and August. Light loam, manure, drain. Sun.

—**Crimson Star.** Clear red.

—**Mrs. Cholmondeley** — Large, delicate wisteria—blue.

—**jackmani.** Popular rich purple.
2 year\$2.50 each

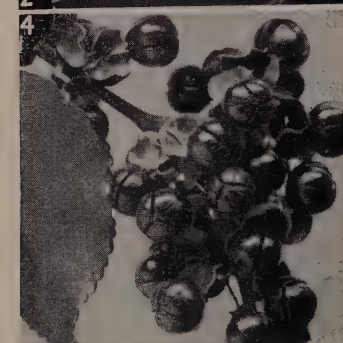
EUONYMUS fortunei radicans (Winter-creeper). 20 ft. Vine, self-climbing. Zone V. Evergreen. Dainty leaves.
*2¼ inch pot 10 \$9.75, 100 \$50.00
2 year\$2.00 each, 10 \$15.00

—**coloratus.** Rosy-purple leaf.
*2¼ in. pot 10 \$8.00, 100 \$50.00
2 year\$2.00 each, 10 \$15.00

—**kewensis.** Tiny dwarf.
3-in. pot ..\$2.50 each, 5 for \$10.00

HYDRANGEA petiolaris (Climbing Hydrangea). 35 ft. Vine. Zone III. Self-climbing. Handsome white in June.

2 year\$3.75 each, 5 for \$15.00



2. Campsis radicans

4. Celastrus scandens

These plants are really shrubs that climb; plant just like shrubs (see Page 24). Evergreen kinds are treated like broadleaf evergreens (Page 3). Vines and plants for Ground Covers are on pages 54, 55.

VINES

HEDERA helix (English Ivy). 60 ft. Vine. Zone V. Evergreen. Self-clinging. Any soil.

*2¼ in. pots 10 for \$5.50, 100 \$35
3 inch pots 5 \$5.00, 100 \$90.00

—**h. baltica** (Baltic). Smaller leaf. Zone V.

*2 inch pot ..25 \$7.50, 100 \$26.00
3 inch pot \$1.25, 10 \$9.00, 100 \$72

—**J. C. Bunch**. A heavier growing Baltic Ivy.

*2-inch pot ..5 \$3.50, 100 \$35.00
4-inch pot\$2.00, 10 for \$15.00

THORNDALE HARDY IVY.

New form of *Hedera helix* hardy in Zone IV. Useful.

*2-in. pot 10 for \$6.50, 100 \$50
4-in. pot \$2.50 each, 10 \$19

JASMINUM nudiflorum (Winter Jasmine). 15 ft. Zone V. Bright yellow, Feb. to April. Tolerant.

*6-12 in. X 5 for \$3.50, 100 \$35.00
18 in. X \$2.50 each, 5 for \$9.50

Euonymus radicans
and *Baltic Ivy*.
Below: English Ivy.



LONICERA heckrottii (Ever-blooming Honeysuckle). Dwarf vine. Zone V. Yellow and purple to Sept. Can be pruned as a shrub.

2 year\$1.75 each, 5 for \$6.50

—**heckrottii goldflame**. Color yellow and red, very showy form.

2-yr. No. 1 \$1.75 each, 10 \$15.00

henryi. Zone V. Truly evergreen. Yellow-orange in May, black berries in summer.

1-yr. No. 13 for \$5.75

japonica halliana (Japanese Honeysuckle). 20 ft. Zone V. Quick cover for walls or ground. Fragrant, yellow, June.

2-yr. No. 1, 5 for \$2.00, 100 \$18.00

PARTHENOCISSUS quinque-folia (Virginia Creeper). Vine. 30 ft. Zone V. Vigorous. Fall color.

*12 inch S 10 for \$3.90, 100 \$25
2 year ..\$1.75, 10 \$9.50, 100 \$75.00

—**engelmanni** (Engelmann Ivy). The same with smaller leaves.

2 year5 for \$6.00, 100 \$80.00

tricuspidata (Boston Ivy). Vine 40 ft. Zone V. The most popular. Self-clinging. Dense. Fall color.

2 year X \$1.75, 10 \$10.00, 100 \$85

—**tricuspidata lowi**. A neater, smaller leaf, denser growth. Very fine.

2 year\$3.35 each, 3 for \$8.00

POLYGONUM auberti (Silver Lace Vine). 25 ft. Zone V. Amazingly fast grower. Covered with white bloom September and October. Tolerant. Prune back to live wood each spring.

2 year\$1.75 each, 5 for \$6.00



WISTERIA

floribunda (multi-juga); (Longcluster Wisteria). 25 ft. Zone V. Fragrant. May-June. Humus, drain, sun.

*1 yr. ..S 10 \$4, 100 \$25
2 year\$1.95, 5 \$7.50

—**praecox** (Issai). Dwarfier, blue. Very young to bloom. Showy.

3 year\$6.00 each

—**alba**. Long white clusters.

3 year\$6.00 each

—**rosea**. Pink form.

2 yr. \$3.75, 10 \$30.00

sinensis (Chinese Wisteria). 30 ft. Zone V. Short, compact, violet in May. Fragrant. Sun, drain.

*18 in. S.....10 for \$6.00
2 year ..\$1.75, 10 \$15.00



BROWNELL } GUARANTEED TO BLOOM
SUB-ZERO }

ROSES

EACH: \$2.25
3 FOR \$6.25
DOZEN: \$22.50

Postpaid

Grandiflora Roses

This class, like Floribundas but with vigor and blooms like Hybrid Teas, is now made to order to fit these favorite Brownell varieties. Bloom all summer.

★ **Pink Princess.** Bud red, flower deep pink. Free from premature defoliation.

Anne Vanderbilt. Exquisite coppery orange, red, informal, semi-double, fragrant.

★ **Lafter.** Sparkling orange and yellow, semi-double.

Lily Pons. Cream, large. Vigorous, free.

Curly Pink. Clusters of large two-toned pink all summer. Vigor, health, and constancy.

★ **Dolly Darling.** Pink, sunset and rose blend. Extra vigor and health.

4 Brownell Floribundas

Everblooming, hardy, bushy clumps

★ **Pink Bouquet.** Vigorous double pink.

E. I. Farrington. Large double red.

★ **Orange Ruffels.** Glowing, soft luminous. Steady bloomer all summer. Large.

★ **Yellow Ruffels.** Similar, but a good nonfading yellow.

2 Brownell Creepers (June)

For ground cover on walls, on fences.

Apricot Glow. Coppery pink, brilliant. Double flowers.

Red Creeping Everbloom. Semi double red. Vigorous.

This new race of roses adds to unusual hardiness a character of improving with age, rather than slowly deteriorating as most hybrid teas do. Easy to grow and bring into bloom. Disease-resistant, unusually hardy. (For shrub roses see page 31.)

HARDINESS: Zone IV, but roots will survive still colder climates. Even if tops damaged, new growth will bloom.

BROWNELL HYBRID TEAS

Shades of Autumn. Red and yellow.

Tip Toes. Spicy fragrance. Orange and pink.

V for Victory. Large, double, yellow, fragrant, profuse.

Country Doctor. Large, recurved silvery pink satin. **Handsom Red.** New, brilliant red, fully double.

★ **Helen Hayes.** Fragrant. Open yellow to orange, then mature warm pink.

★ **Red Duchess.** Robust sturdy large red. Outstanding fragrance. Brilliant, free to flower.

Queen o' the Lakes. Sensational large crimson.

EVERBLOOMING PILLAR ROSES

Revolutionary combination of HT's and ordinary climbers never before obtained. Beautiful large HT blooms all summer. Sub-zero hardiness. Red, pink, apricot, yellow, white in various shades. Not yet named, sold only to selection of colors 3 for \$10, 6 for \$20. If only one desired, price is \$4 each.

They grow sturdy like climbers, but not so high. May be kept cut back as bush form, or as specimen self-supported bushes 5 to 8 feet tall.

★ No More Black Spot!

Absolute resistance to this dread disease has been bred into eight of these roses:

Pink Bouquet

Yellow Ruffels

Dolly Darling

Helen Hayes

Red Duchess

Pink Princess

Orange Ruffels

Lafter



**One each—8 kinds
\$16.75 postpaid**

Start A HOME NURSERY

Wise old gardeners, you will notice, always have a few rows of trees and shrubs growing for future plantings. They do not depend upon buying everything as they need it. Now that we are coming out of the age of jazz and impatience we should remember the quiet wisdom of older days. Do not wait until you need trees—large ones and in a hurry—but look over your grounds and plant now what you may need 3, 5 or even 10 years hence.

1. Save money and labor
2. Save disappointments
3. Save delays
4. Increase your enjoyment
5. Rare and interesting
6. Culture not difficult

Soil Preparation

The lath-house soil should be sandy loam with an original dressing of 3 inches of manure worked on to a spade depth. The nursery itself can be heavier soil, but requires manure as well. Avoid lime.

Heel-in Area. Even a tiny spot kept free for this purpose, enables one to temporarily plant a shipment of plants the day received. They can safely remain for weeks if need be before permanent planting. Water well.

Grades of Stock and Treatment

—See also page 2—

Older plants just grow, if soil and climate are normal. Young plants need care—chiefly shade, extra water, wind protection. These are the grades as handled and sold in nurseries:—

A—Seedlings or Rooted Cuttings

Must be shaded first two years. Planted 2 in. x 2 in., lath-house holds 432. After two years, must be transplanted into next grade.

B—Once Transplanted Grade

Grown as above, or bought. (Our 2 yr. and 3 yr. Azaleas, or the 2 inch bands next page). Space about 5 in. x 5 in. (80 in the lath-house pictured). Shaded first year, but the second year shade omitted except in drought. In 2 years, now twice transplanted ("XX"), usable as hedge plants, for bedding, etc.

C—Twice Transplanted Grade

Can be moved into open, spaced 9 in. x 9 in. (nursery pictured holds 104) and left two years. They are "shaped"; straggly branches lopped off with sharp knife. Cultivate, fertilize, water, no shade needed. After 2 years, they are XXX (three times transplanted), bushy and shapely.

D—Specimens

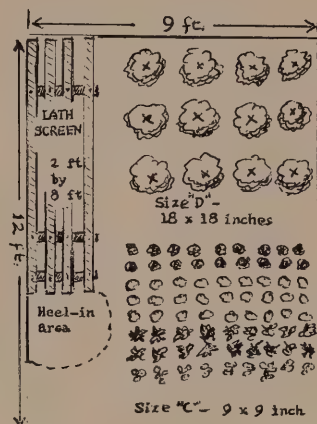
Every garden needs some larger, well formed plants. Such specimens are grown 2 or more years spaced 18 in. x 18 in. (nursery pictured holds 32.)

Lath Screen sketched at left is very important for young plants the first summer. Simply built of ordinary lath and a few nails. Screen is rested on the posts.

with
young
plants
that

will in
a few years, with little
care, be \$25 specimens.

Increase Your Enjoyment.
There is very real enjoyment in watching young trees develop and mature. This is one of the few luxuries which not only costs nothing but actually saves you money.



LAYOUT PLAN HOME NURSERY

The plan shows a corner of a lot using a 9 by 12 foot area for a nursery—no more space than used by a small specimen tree. The shrubbery masks the area. Exposure is planned as if north were at the top—but any exposure would do, locating the Lath Screen in shady spot.



PLANTS in 3-inch PEAT-POTS and

Just plant pot and all—no shock, no losses. The pot dissolves to make good soil for growing in. We can ship from mid-May through June safely. Nice thrifty plants. (For descriptions, see previous parts of this catalog, and index.) Any 6 assorted \$10.50 postpaid (6 one kind \$9.50.)

Photos below:—
2-inch band
plants next page.

ACER palm. Atropurpureum. Red-leaf Japan maple.

AZALEA *Calendulacea*. Flame.
—**Kaempferi**. Red-orange, May.
—**Mucronulatum**. Purple, April.
—**Poukhanense**. Purple, May.
—**Exbury Hybrids**. Mixed colors.
—**Mollis**. Yellow to red, May.
—**Hinoocrimson**. Dwarf red.

CORNUS florida plena. Double white.
—**florida rubra**. Pink Dogwood.
—**florida pendula**. Weeping white.
—**florida Xanthocarpa**. Yellow-berried.
—**Kousa chinensis**. White, June.

FRANKLINIA alatamaha. (pg. 17).
ILEX convexa. Dwarf Japan Holly.
—**cr. Hetzi**. A new improved "convexa".
—**Opaca**. (female) Amer. Holly.
—**Opaca**. (male) American holly.
—**Burfordi**. Showy Chinese Holly.

LAUROCERASUS Schipka. English Laurel.

MAGNOLIA soulangeana. Rose, May.
—**Soul. nigra**. Purple form. Large.
—**Soul. rubra**. Bright red form.
—**Soul. Lenna**. Large, red bloom.
—**Stellata**. White in April.
—**Stell. Waterlily**. Blush, double.

COTONEASTER horizontalis.
DAPHNE Burkwoodi. 5 ft. Zone IV. Blush-white, May. New.

PIERIS japonica. Andromeda.
—**floribunda**. Native.

PRUNUS Kwanzan. Double-pink Japan Cherry.
—**Kofugen**. Late, double pink.
—**Kiku-Shidare**. Double, weeping.
—**Amonngawa**. Columnar. Useful.

RHODODENDRON Wilsoni. Dwarf pink, May.
—**myrtifolium**. Dwarf pink. Zone V.
—**carolinium**. Pink, May, Zone V.
—**decorum**. Pink, June, Zone V. Very shapely growth.
—**smirnowi**. Pink, June, Zone V. Under leaf is hairy.
—**Hybrid seedlings**. Mixed colors only.
—**fortunei seedlings**. Mixed colors.

TAXUS (Yew)—**Cuspidata**, **kelseyi**, **Hatfield**, **vermeulen**, **Pilaris**, **Sentinalis**, **pyramidalis**.

VIBURNUM burkwoodi. Evergreen, white, May.
—**Carlesii**. May-flower Viburnum.
—**Juddi**. Improved Carlesii.
—**rhytidophyllum**. Evergreen leaf.

WISTERIA floribunda. Purple.
—**rosea**. Pink form. Long clusters.



Photo: 3-in. pots



\$1.00 each extra for any of these four rare and costly kinds you may wish to include from this page:

Cryptomeria Lobbi, **Metasequoia**,
Hamamelis Mollis, **Ginkgo Male**

BANDED PLANTS for

Safe and Easy

Plants arrive actually growing in 2-inch wooden bands (clip off when you plant). They don't know they've been transplanted! We cannot ship until late May, as they will stand no frost at present, but **ORDER NOW. (Postpaid)**

CULTURE: Treat like once transplanted. Shade is essential; use plenty of peat moss in soil.

DO NOT plant out in the garden for the first year or two, but in beds, shaded, with peaty soil, **NO** fertilizer.

Sold only in } 12 one kind \$6.50
Boxes of 12 } 12 (6 each, 2 kinds) \$7.

Photo: Hybrid *Rhododendrons*, our most popular item. Showing box and plant. Water well and protect from wind this winter.

AZALEA *Mary Hawkins*—bright pink. Zone V.
Amoena coccinea—Dwarf red. Zone V.
Betty—brilliant rosy-pink, tall. Zone IV.
Cameo—Double pink. Zone V.
Corsage—single orchid. Zone V.
Delaware Valley White—Zone V. Beautiful.
Fedora—large, tall salmon-rose. Zone IV.
Flame—huge single red, dwarf growing.
Hinocrimson—Red, May, dwarf. Zone V.
Othello—large, tall, brick-red. Zone IV.
Purple Splendor—purple, double. Zone V.
Rosebud—dwarf double pink. Zone V.
Rose Greeley—Low, white. Zone V.

AZALEA, Three Good Deciduous Kinds.
Mollis hybrids—mixed yellow and red.
Poukhanensis—Zone IV. Purple May.
Schippenbachi—Zone V. Blush, May.

ABELIA *grandiflora*—White all summer.

BERBERIS JULIANA—6 foot bush. Zone V.
Verruculosa—dwarf, yellow bloom.

BUXUS suffruticosa—dwarf Boxwood.

CHAMAECYPARIS obtusa crippei (Golden).

COTONEASTER buxifolia—spreading
Salicifolia—red berry, tall arching.
Horizontalis—Spreading.

ERICA darleyensis—dainty pink bells, March.

ILEX CORNUTA Bufordi—Chinese Holly.

ILEX CREN. convexa—"Green Island," dwarf.
Crenata Stokes Dwarf—Very compact.

ILEX OPACA—female, berried American Holly.

Opaca—male, pistillate American Holly.
pernyi—dwarf holly, red berries.

JUNIPER pfitzer—6 ft. spreading, popular.
glauca Hetzi—similar more vigorous.

Andorra—purple in winter, prostrate.
Sargentii—Fine, green dwarf.

LAUROCERASUS shipkaensis—
Hardy English Laurel. Zone V.

MAHONIA aquifolia (Oregon Holly-grape).

PIERIS japonica (Andromeda)—white, April.

PYRACANTHA Lalandi (Firethorn)—orange.

RHODODENDRON

HARDY HYBRID SEEDLINGS—mixed colors only. (Also 3-inch bands, 6 for \$6.50).

TAXUS Cuspidata (Spreading Yew)—

Baccata repandens—Dwarf yew.
Capitata (Upright Yew)—tall pyramid.
nana ("Brevifolia")—dwarf yew.
Hicksi—fat, upright column to 6 feet.
Hatfield—Extra hardy, like Hicks.
Vermeulen—Dwarf pyramid.

VIBURNUM

Burkwoodi—white, May. Showy.
chenaulti—New dwarf Burkwood.
rhytidophylloides—Better leaf. New.
rhytidophyllum—(Leatherleaf).



YOUNG EVERGREENS and

(Descriptions and other sizes
on pages 34 to 41)

PINUS (Pine). (25) (100) (1000)

mughus (Mugho Pine).
2 to 4 in. X..... 7.00 25.00 195.00
6 to 8 in. X.....15.00 45.00 350.00

nigra (Austrian Pine).
6 to 9 in. S..... 4.00 12.00 95.00
4 to 6 in. X..... 4.50 15.00 120.00
9 to 12 in. X..... 8.50 30.00 270.00

ponderosa (Western Yellow).
4 to 6 in. X..... 4.50 16.00 140.00
9 to 12 in. X..... 9.00 28.00 220.00

resinosa (Norway Red Pine).
4 to 6 in. X 18.00 125.00
9 to 12 in. X.....12.00 35.00

strobus (White Pine).
6 to 9 in. S..... 5.00 15.00 120.00
4 to 6 in. X..... 6.50 20.00 150.00

sylvestris (Scotch Pine).
5 to 10 in. S.... 8.50 70.00
6 to 9 in. X..... 5.50 18.00 150.00
12 to 18 in. X...10.00 35.00 200.00

TAXUS (Yew)
Capitata (Upright Yew)
6 to 10 in. S.... 8.00 25.00 175.00
6 to 10 in. X...12.00 40.00 250.00
8 to 12 in. X...20.00 60.00 375.00

THUJA (Arborvitae)
occidentalis (American Arborvitae or White Cedar).
6 to 8 in. S..... 4.00 10.00 80.00
8 to 12 in. X.... 9.50 30.00 240.00
12 to 15 in. X 12.50 40.00 340.00

globosa (Globe shaped).
5 to 8 in. X.....15.00 50.00 350.00
10 to 12 in. XX 35.00 125.00 950.00

pyramidalis (Pyramid AV).
4 to 6 in. X...12.00 45.00 400.00
9 to 12 in. XX...35.00 95.00 800.00

TSUGA (Hemlock).
canadensis (Northern Hemlock).
4 to 7 in. X..... 7.50 25.00 150.00
(Larger grades on page 50)

ABIES (Fir) (25) (100) (1000)
balsamea (Balsam Fir). For wet land. Best for Christmas trees.
4 to 6 in. S.\$ 4.00 \$ 9.50 \$ 80.00
4 to 6 in. X 8.50 25.00 190.00
12 in. XX.... 40.00 125.00

Concolor (Silver Fir).

4 to 6 in. X....11.50 35.00 280.00
6 to 9 in. X....16.00 50.00 350.00
9 to 12 in X25.00 85.00

Douglas Fir. (*Pseudotsuga*).
4 to 6 in. X..... 6.00 20.00 160.00
8 to 12 in. X.....12.00 35.00 350.00
12 to 15 in. X...15.00 45.00 400.00
12 to 15 in. XX 25.00 95.00

LARIX (Larch) European Larch.
12 to 18 in. S....14.00 35.00 260.00
18 in. X.....25.00 90.00

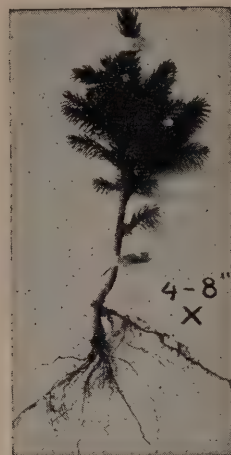
leptolepis (Japan Larch).
12 to 18 in. S....15.00 45.00 300.00

PICEA
glauca alba (White Spruce).
6 to 8 in. S.... 10.00 75.00
9 to 12 in. X.... 7.00 20.00 175.00

glauca densata (Black Hills).
4 to 6 in. S..... 12.00 90.00
6 to 9 in. X..... 8.00 25.00 195.00
9 to 12 in. X...12.00 35.00 270.00
9 to 12 in. XX 28.00 95.00

excelsa (abies) (Norway Spruce).
6 to 8 in. S.... 9.00 70.00
6 to 9 in. X..... 6.50 20.00 150.00
12 to 15 in. X...12.00 40.00 300.00

pungens (Colorado Spruce), color from blue to green.
3 yr. S (5-8").. 5.00 15.00 120.00
6 to 9 in. X..... 9.00 28.00 195.00
9 to 12 in. X...15.00 45.00 330.00



Once transplanted



XX Twice transplanted
(note the roots)

LARGER YOUNG

Evergreens at special

QUANTITY PRICES

(XX) Twice transplanted. 5 to 7 years old, practically landscape specimens. Dug bare root, so express is little, about 10% extra on arrival. Roots in damp moss, safe planting.

These "XX" evergreens are a particularly good buy, for the "nursing" is all done. They now go out into the field mostly to grow older, with occasional prunings to make them more shapely. All the real work is done, but savings are huge.

In most trees and shrubs there are three sizes: 1. Babies that have to be nursed. 2. Transplanted plants that need only a little growth. 3. Landscape sizes, already shaped. For most gardeners, the second size is the most fun and the most economical.

	(10)	(25)	(100)
ABIES (Concolor Fir) 9 to 12 inch	\$13.00	\$30.00	\$100.00
— Balsam Fir 12 to 15 inch	15.00	40.00	125.00
JUNIPER (Andorra) 12 to 15 inch	16.50	35.00	125.00
— Pfitzer Juniper 12 to 15 inch	20.00	40.00	130.00
— Hetz Juniper 9 to 12 inch	14.00	32.00	115.00
— Virginiana (Cedar) 12 to 18 inch	.....	30.00	90.00
— Sabina (vase-shaped) 9 to 12 inch	12.50	30.00	110.00
PICEA (Black Hills Spruce) .. 9 to 12 inch	13.50	28.00	95.00
— Excelsa (Norway) 12 to 15 inch	12.00	25.00	95.00
— glauca (White Spruce) 9 to 12 inch	.....	20.00	65.00
— pungens (Colorado) 8 to 12 inch	13.50	25.00	95.00
..... 12 to 15 inch	19.00	40.00	125.00
PINUS			
— Austrian Pine 9 to 12 inch	10.00	20.00	65.00
— thunbergi (Jap Black) 10 to 15 inch	22.00	45.00	175.00
— resinosa (Red) 12 to 18 inch	10.00	20.00	75.00
— sylvestris (Scots Pine) 2 to 3 feet	15.00	40.00	110.00
THUJA occidentalis 12 to 15 inch	12.00	20.00	75.00
— Pyramidal Arborvitae 12 to 15 inch	18.00	40.00	120.00
TAXUS and TSUGA—(see next page)			

It Pays to Plant Things Young

Nursery stock, unlike other merchandise, increases in value as it gets older. A planting worth \$1000 can be set out two years earlier for \$500, or four years earlier for \$250. Plants just about double in value every two years. Moreover, the labor of planting also doubles every two years: Three men might take two hours to plant a 20-foot tree; the same tree when 6 feet high can be set out by one man in twenty minutes!

THE YEAR AFTER PLANTING

These little White Pines were about 1½ feet high, twice transplanted, and cost about 30c each.

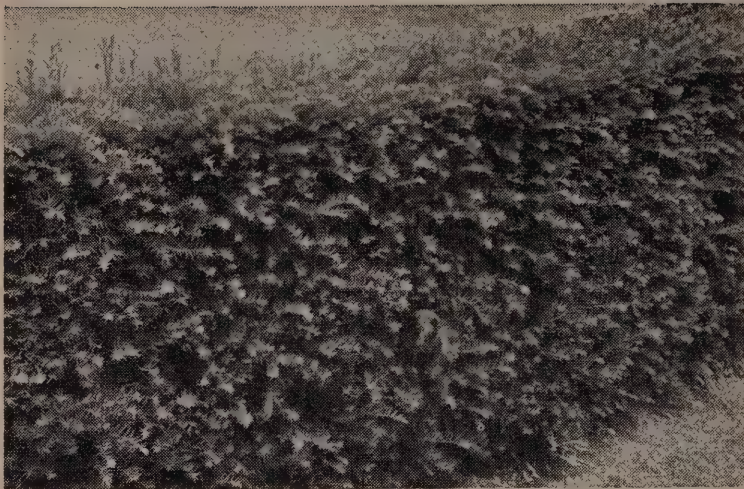
TWENTY YEARS LATER

Photo near the same place shows trees 25 to 30 feet high. Worth \$50.00 or more each.



LIVING FENCES

Photo
Yew
hedge



EVERGREEN HEDGES

Give year around protection, with little upkeep. They are not slow to make a luxurious showing.

Yew Hedges (Taxus)

TALL, 5 to 8 ft. high, 3 to 4 ft. wide. *Taxus capitata* (Upright Yew). (10) (25) (100)
9-12 in. XX.....16.00 35.00 130.00
12-15 in. XX.....22.00 45.00 150.00

BROAD, 2 to 4 ft. high, 2 to 4 ft. wide. *Taxus cuspidata* (Spreading Yew).
10-12 in. XX.....15.00 35.00 120.00
12-15 in. XX.....19.00 45.00 160.00

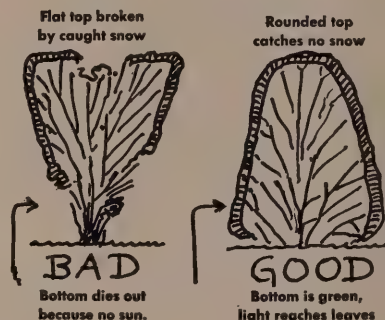
NARROW, 4 to 6 ft. high, 1½ ft. wide. *Taxus Hicksi* (Hatfield).
8-12 in. XX.....15.00 35.00 120.00
12-15 in. XX.....24.00 50.00 180.00

BUSHY, 6 ft. high, 2 ft. wide. Vermeulen's Yew.
9-12 in. XX.....15.00 35.00 120.00

Hardy, disease-free, tolerant. Set Yew 1½ feet apart.

HURRY HEDGES for those who need protection quickly, are best in deciduous kinds, like Privet on opposite page. Even faster, for quite tall screens, would be Lombardy or Bolleana poplar. But evergreen kinds will grow tall in time. Why not set a row of poplar, then 3 feet behind, plant your evergreen hedge? In a year or two the screen of poplar is effective. In ten years, when it becomes straggly (perhaps) the evergreen hedge is then large enough to take over alone, and the poplars can be cut down. (They are cheap enough —see page 52)

PRUNING HEDGES



Hemlock Hedge (Tsuga)



Tsuga Canadensis (Northern Hemlock). Zone III. A fine, even, smooth dark green surface unlike any other hedge. Thrives in soils ranging from ordinary to damp, and from full sun to full shade, hence is easy to grow. Set plants 1½ ft. apart.

	(25)	(100)
9 to 12 in. XX..	16.00	60.00
12 to 15 in. XX..	22.00	80.00
15 to 18 in. XX..	35.00	130.00

Hemlock hedge

ROSA MULTIFLORA

Plant a single row, 1 foot apart. Cut back roots to 8 inches, tops to 3 or 4 inches on planting.

No repairs, no maintenance problems, it just grows. No animals can get through, yet birds and small game can use it for refuge. It can be kept 5 feet high, width 8 feet. Not for small gardens.

	(100)	(1000)
9-12 in. S	\$8.50	\$70.00
18-24 in. S	12.50	95.00

DECIDUOUS SHRUBS

at special QUANTITY PRICES

(descriptions: pages 24-33)

AMELANCHIER (Shadblow)
canadensis (Downy Shadblow)
(25) (100) (1000)
12 to 18 S....\$5.00 \$16.00 \$120.00

CYDONIA (Quince)
Japonica (Flowering Quince)
12 to 18 in. S.. 4.50 13.00 80.00

ELEAGNUS (Russian Olive)
12 to 18 in. S.. 3.00 9.00 65.00

FORSYTHIA
Spectabilis.
12 to 18 in. S.. 4.00 12.50 85.00
2 to 3 ft. X.....20.00 65.00 500.00

HYDRANGEA PeeGee (white to pink, Aug.)
12 to 18 in. S.. 8.50 33.00 200.00
2 to 3 ft. X.....25.00 80.00 750.00

LONICERA (Honeysuckle)
—Tatarica (Pink or White)
12 to 18 in. S.. 4.00 12.00 80.00
1½ to 2 ft. X..10.00 35.00 200.00

—fragrantissima
12 to 18 in. S.... 4.00 12.00 75.00
2 to 3 ft. X.....18.00 60.00 400.00

MACLURA (Osage Orange)
12 to 18 in. S.. 2.50 6.50 45.00

PHILADELPHUS coronarius
12 to 18 in. S.. 4.50 15.00 90.00
1½ to 2 ft. X....12.50 40.00 250.00

RHAMNUS (Glossy Buckthorn)
18 in. S..... 5.00 15.00

(25) (100) (1000)
SPIREA Anthony Waterer
6 to 12 in. S.... 8.00 25.00
12 to 15 in. X..20.00 65.00 500.00

—Van Houttei (Modern Bridal-wreath)
12 to 18 in. S.... 6.00 18.00 95.00
1½ to 2 ft. X..15.00 50.00 300.00

SYMPHORICARPOS
—racemosus (Snowberry)
6 to 12 in. S.... 6.00 20.00 120.00
1½ to 2 ft. X.. 20.00 65.00

SYRINGA (Lilac) vulgaris
12 to 18 in. S.. 5.00 18.00 150.00
12 to 18 in. X..20.00 65.00

—Persian Lilac
12 to 18 in. S.. 6.50 20.00 150.00
2 to 3 ft. X.....20.00 70.00

VIBURNUM American (American Cranberry)
6 to 12 in. S.... 5.00 15.00 100.00
12 to 15 in. X..10.00 35.00 250.00

—Carlesii (May Viburnum)
6 to 12 in. S....15.00 45.00 300.00

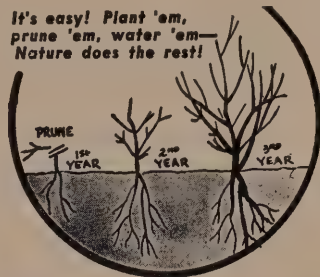
—opulus (European Cranberry)
12 to 18 in. S.. 8.00 25.00 200.00

—tomentosum
12 to 15 in. S..12.00 45.00 250.00
18 to 24 in. X..25.00 85.00 700.00

WEIGELA rosea (pink)
12 to 18 in. S.. 5.00 15.00 90.00
2 to 3 ft. X.....16.00 55.00

for HEDGE, and SCREEN planting.

Where quantity is needed and quick results. These grow quickly and are easily planted now, when small.



Deciduous Hedges

Privet Hedges (Ligustrum)

4 to 8 feet high. Space 1 foot apart in 2 rows, staggered. (100 plants do 50 feet of hedge).

(25) (100) (1000)
—ibolium (Hybrid Privet), also:

—ovalifolium (California Privet)

—amurense (Amur Privet North)

12-18 in. (2 Br.) 3.50 10.00 80.00
1½-2 ft. (3 Br.) 6.50 20.00 160.00
2-3 ft. (4 Br.) 10.00 30.00 200.00

Barberry Hedge

2 to 4 feet high. Space 1 foot in single row.

(25) (100) (1000)

BERBERIS Thunbergi (Japanese Barberry).

12 to 15 in. S.... 5.00 18.00 120.00
12 to 18 in. X..15.00 45.00 400.00

B. thunbergii Atropurpurea

6 to 12 in. S. 9.00 22.00 80.00
12 to 18 in. X..20.00 70.00



The "X" grade specimen Barberry above, grew in six years from the "S" grade, seedling shown at the right.

BARGAINS IN LARGER YOUNG TREES

(For descriptions See "Deciduous Trees" pages 13 to 23)

For those who want quick results yet not have to pay for full specimens, we offer nice, well-rooted trees between 4 and 8 feet high. Yet you save 2 to 4 years over small seedling sizes at little extra cost. Packing included if cash accompanies order.

TRANSPLANTS do give quick results. They are young and transplant easily and grow more vigorously than older stock.

	(10)	(100)		(10)	(100)
ACER (Maple)			OXYDENDRUM (Sour-wood)		
Rubrum (Red Maple)			4 to 5 ft.	30.00	200.00
4 to 6 ft.	\$18.00	\$125.00			
6 to 8 ft.	35.00	225.00	PLATANUS occidentalis		
saccharum (Sugar)			(American Sycamore)		
4 to 6 ft.	18.00	135.00	4 to 5 ft.	12.50	95.00
6 to 8 ft.	35.00	225.00	6 to 8 ft.	22.50	175.00
platanoides (Norway)			8 to 10 ft.	30.00	250.00
4 to 5 ft.	12.50	100.00	POPLAR, Lombardy		
BETULA (Birch)			5 to 6 ft.	8.50	65.00
alba (European White)			Bolleana (neater, healthier)		
4 to 5 ft.	30.00	250.00	4 to 5 ft.	17.00	150.00
papyrifera (paper)			QUERCUS (Oak)		
4 to 5 ft.	18.00	150.00	Coccinea (Scarlet Oak)		
populifolia (Gray)			4 to 5 ft.	25.00	180.00
4 to 5 ft.	18.00	150.00	Palustris (Pin Oak)		
CERCIS canadensis (Red Bud)			4 to 5 ft.	30.00	250.00
3 to 4 ft.	18.00	125.00	Borealis (rubra) Red Oak		
CLADRASTIS (Yellow-wood)			4 to 5 ft.	25.00	180.00
4 to 6 ft.	40.00	350.00	SALIX (Willow)		
CORNUS florida (dogwood)			Babylonica (Weeping)		
3 to 4 ft.	30.00	250.00	4 to 5 ft.	12.50	110.00
FRAXINUS (American Ash)			Wisconsin (Hardy Weeping)		
4 to 5 ft.	13.50	120.00	4 to 5 ft.	12.50	110.00
6 to 8 ft.	20.00	150.00	Golden Weeping (Niobe)		
KOELREUTERIA			4 to 5 ft.	12.50	110.00
(Golden-rain)			SORBUS (Mountain Ash)		
3 to 4 ft.	35.00	275.00	4 to 5 ft.	25.00	195.00
LIQUIDAMBAR (Sweet Gum)			TILIA (American Linden)		
4 to 5 ft.	20.00	175.00	4 to 5 ft.	18.50	145.00
LIRIODENDRON (Tulip)			6 to 8 ft.	30.00	250.00
4 to 5 ft.	18.00	150.00	ULMUS (American Elm)		
pumila (Siberian)			4 to 5 ft.	18.00	150.00
4 to 5 ft.	18.00	135.00			

LANDSCAPE

GRADE

4 to 10
YEARS OLD—



TRANSPLANT
3 to 4
YEARS

SEEDLING
1 to 2
YEARS

YOUNG TREES at special QUANTITY PRICES



Among "slow" trees known to have reached 30 feet or more in their first 15 years of life are Red Oak, Pin Oak, most Maples, Liriodendron, several Birches, Black Locust and Linden.

Handling Young Trees

PLANTING—The first thing is to keep the package moist, water the roots every 3 days, keep wrapped, if you must wait. Only when the planting bed is ready do you remove one plant at a time from its wrapping to plant it. This is particularly important with evergreens, but good sense with all plants. Plant quickly—twenty seconds is average for young plants.

WATER is usually critical the first week or two. Soak thoroughly when planting. After that not oftener than twice a week.

(S) SEEDLINGS grow rapidly. Soak well after planting, and prune back. To keep a single stem prune out all side twigs, and later again cut away all but one single stem.

	(25)	(100)	(1000)
ACER (Maple)			
rubrum (Red Maple)			
*18 to 24 in. ..	\$5.00	\$15.00	\$95.00

saccharum (Sugar Maple)			
*12 to 18 in.	12.50	85.00	
2 to 3 ft.	13.00	40.00	300.00

	(25)	(100)	(1000)
BETULA (Birch)			
populifolia (Gray Birch)			
18 to 24 in.	6.00	18.00	120.00

papyrifera (Paper Birch)			
*12 to 18 in.	16.00	120.00	
*2 to 3 ft.	8.00	25.00	180.00

	(25)	(100)	(1000)
CERCIS (Red Bud)			
*12 to 18 in. ..	4.00	9.50	60.00

CORNUS (Flowering Dogwood)			
florida (White Flowering Dogwood)			
*12 to 18 in. S	4.00	12.00	95.00

FRAXINUS (American Ash)			
12 to 18 in. S	2.50	6.00	45.00
2 to 3 ft. S....	3.50	9.00	60.00

	(25)	(100)	(1000)
JUGLANS (Walnut)			
nigra (Black Walnut)			
*12 to 18 in. S	4.50	14.00	95.00

LIQUIDAMBAR (Sweet Gum)			
*12 to 18 in. S	5.00	15.00	95.00

	(25)	(100)	(1000)
LIRIODENDRON (Tulip Tree)			
tulipifera			
*12 to 18 in.	4.50	14.00	95.00

MORUS (Mulberry)			
alba (Russian Mulberry)			
*12 to 18 in.	6.00	40.00	

	(25)	(100)	(1000)
PLATANUS (Sycamore)			
occidentalis			
*12 to 18 in.	3.00	9.00	50.00

POPULUS (Poplar)			
nigra italica (Lombardy Pop.)			
*18 to 24 in.	3.50	10.00	60.00
*3 to 4 ft.	6.00	18.00	120.00

	(25)	(100)	(1000)
QUERCUS (Oak)			
alba (White Oak)			
*12 to 18 in. S	6.50	20.00	160.00

Palustris (Pin Oak)			
*12 to 18 in. S	6.50	20.00	160.00

rubra (Red Oak, Northern)			
*12 to 18 in. S	6.50	20.00	160.00

SOPHORA			
Japonica (Pagoda-tree)			
*12 to 18 in. S	12.00	35.00	250.00

SORBUS (Mountain Ash)			
aucuparia (European Mt. Ash)			
*12 to 18 in...	9.50	30.00	225.00

	(25)	(100)	(1000)
TILIA (American Linden)			
*12 to 18 in. S	10.00	28.00	170.00

cordata (Little Leaf)			
*12 to 15 in.	12.00	40.00	350.00

	(25)	(100)	(1000)
ULMUS (Elm)			
americana (American Elm)			
*2 to 3 ft.	3.00	9.00	70.00

pumila (Chinese or Siberian Elm)			
*2 to 3 ft.	4.00	10.00	80.00

Descriptions, other sizes, see pages 13 to 23

FERNS

**fine ground covers
in the shade**

(Postpaid)

5 of one kind \$2.50

10 of one kind \$4.75

(Express)

100 for \$25.00

LEATHER WOODFERN (*Dryopteris marginalis*). Tolerant, deep shade. Evergreen leaves 30 inches.

CINNAMONFERN (*Os-munda*). 60 inches. Any moist soil.

CHRISTMASFERN. 12 in. Dry shade. Evergreen.

CLIFF-FERN (*Poly-pody*). 6 in. Evergreen, drain.

EBONY SPLEENWORT (*Asplenium*). 6 inch evergreen. Semi-shade.

HAYSCENTED FERN (*Dunnstaedtia*). 18 inches. Tolerant.

MAIDENHAIR (*Adiantum*). Rich, moist, but drained soil. Easily grown. Showy and popular.

LADYFERN (*Athyrium*). 15 in. Shade. Very attractive.

OSTRICH FERN (*Pter-etis nodulosa*). 36 inch. Very tolerant. This makes a delicious, nutritious asparagus substitute, as "fiddle-heads."



Photo: Vinca Minor

VINCA (The Myrtle)

The most satisfactory, showy, trouble-free of all ground covers. The leaf is small, shiny, dark green all year round. Even in full shade, the leaves grow thickly. It spreads by underground roots. To be sure of coverage within (say) 2 years, we recommend spacing 12 in. apart. There are blue flowers, showy and cheerful, all spring. Will grow and thrive in any soil. **Planting—Clumps come tied compactly. Untie and spread out.** (25) (100) (1000)

(ppd.) (express)
Strong clumps\$5.75 \$15.00 \$120.00
Bowles (Improved) Vinca
2 year pots\$12.75 38.00 300.00



See also on perennial pages, a few ground covers worth using.

Thyme collection for stepping stones (page 60).

Ajuga (Bugle) on page 66.

Lily-of-the-Valley on page 63.

DECIDUOUS GROUND COVERS—vigorous, for bad slopes

All sent express:—(25) (100) (1000)

LONICERA japonica (Honeysuckle)—Sun or shade. Any soil.

2-year light	9.50	80.00
2-year No. 1 grade	6.50	18.00 140.00

PUERARIA thunbergiana (Kudzu)—Very fast, handsome, but coarse grower. Holds banks in poor soil, enriches soil nitrogen. Zone VI.

2-year (No. 1 Crowns)	4.50	14.00	80.00
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ROSE wichuriana (Memorial Rose)—Branches grow quickly, droop and root. Thickset effect. Best in sun. Zone IV. Space 2 ft. apart.

2-year field grown X.....	19.50	65.00	.....
2-year (8 to 12 in. S.....)	9.50	30.00	180.00

... plants that cover
the ground where grass will
not thrive are ...

LIVING CARPETS

Steep slopes can be put into grass and mowed. But it is constant work and worry. The following plants do the job better. There are almost no maintenance problems.

Eventually one plant will cover a large area, but on banks it is important to get the soil held quickly. We suggest bad steeps be planted 10 inches apart each way—gentler slopes 1 foot, except as noted on descriptions.

EVERGREEN GROUND COVERS

(10) (25) (100) (1000)

PACHYSANDRA *terminalis*—Tolerant in poor soil and shade. Set 3 to each sq. ft. Zone V.

1 year field grown....(postpaid): \$ 3.95 \$ 9.95 \$ 89.00

HARDY GALAX (*Galax aphylla*)—Huge bronze and green leaves. Moist shade.

(postpaid) (Express, not paid)

Clumps with ball 6.50 10.00 30.00 290.00

TRAILING ARBUTUS (*Epigaea repens*)—Waxy pink, May. Zone II, acid soil, semi-shade.

(postpaid) (Express)

Balled clumps 6.50 10.00 30.00

OCONEE BELLS (*Shortia glaucifolia*)—Rarest of all. Zone V. Evergreen leaf, showy pink-white flower spike.

(postpaid) (Express)

Clumps 8.50 12.50 40.00

WINTERGREEN (*Gaultheria procumbens*)—Small neat mat of evergreen in baking sun.

(postpaid) (Express)

Balled clumps 5.50 8.00 25.00 200.00

MOTTLED WILDGINGER (*Asarum shuttleworthii*)—Large, round evergreen leaves, shade or sun. Hardy.

(postpaid) (Express)

Strong clumps with ball..... 6.50 10.00 39.50

BEARBERRY (*Arctostaphylos uva-ursi*)—Low matting evergreen. For sandy banks—succeeds even on seashore. Sun, drain.

(All express, not postpaid)

Pot-grown 9.50 20.00 75.00

HEDERA *baltica* (**Hardy English Ivy**)—Fine ground cover for steep slopes in shade or sun. Zone V. Space 1½ ft.

2-in pots (express) 7.50 26.00 240.00

3-in. pots\$8.50 20.00 75.00

THYMUS SERPYLLUM (**Creeping Thyme**)—A mat in sun or light shade that blankets the ground. Evergreen. Can be walked on. Zone III. Set 12 in. apart. Well drained soil.

Sturdy plants(express) 12.00 40.00 350.00



Pachysandra



Honeysuckle



Baltic Ivy

Huge Hybrid Blueberries

Really beautiful as specimens or in hedges. Suited for use in small quantities in the small garden. A 100-foot hedge will pay about \$25 worth of berries a year! (Spaced 18 ins.)

Why Wait? Plant Some NOW!

And enjoy the berries sooner. Not only will add to your garden but pay back cost many times over! Hardy throughout U.S.A.

8 NAMED KINDS (right)	(Each)	(10)	(50)
3yr., 12 to 18 inch	\$2.25	\$18.00	\$65.00
3 yr., 18 to 24 inch	3.00	20.00	85.00
4 yr., 2 to 3 ft. (bearing)	4.00	30.00	140.00

MIXED: (All varieties are splendid eating)

12 to 18 inch (3 year)	15.00	60.00
18 to 24 inch (3 year)	3.00	25.00

Set the plants in beds 4 feet apart. Several varieties should be included in planting, as an exchange of pollen is necessary to produce good crops of berries. (Or order "mixed"). Blueberries require an acid soil containing peat or other rotted vegetable matter. They need a moderate supply of soil-moisture.

Unusual Berries

New American Mulberry

Ever - bearing, from June until September. Large, refreshing berries without the mawkish sweetness. Zone IV. 3 to 4 ft.

\$4.20 each, 10 \$35.00

Dwarf Juneberry

Amelanchier berries are known as "Bilberries" or "Serviceberries." Dark red fruit in July. This form grows 12 ft. Zone II.

1½-2 ft. plants:
\$2.25 each, 10 for \$15

Adams Elderberry

The large berries and extra fruit clusters are a decided improvement for pies, jam and wine. Zone IV.

1½ foot plants:
\$1.85 each, 10 \$15.00

Buffalo Berry

(*Shepherdia argentea*) Zone I. Fruit scarlet red, sprightly acid, and agreeable flavor, makes an excellent sauce or jelly served with meats. Showy through autumn. Bushy 2 foot plants, 2 for \$2.90, 10 \$12.00.

Jersey. Large, vigorous. Hardest. Early July.
Rancocoas. Early, good quality.
Pemberton. Large, mild and bland.
Burlington. Large, latest of all.
Rubel. Tall grower, erect. Late.
Dixie. Huge, high flavor.
Weymouth. Earliest of all. Best for cooking.
Concord. Midseason. Upright. Fine quality.
Stanley. Early July. Tall. Large berries.

New Varieties of Blueberries

Berkeley—Finest home berry. Vigorous.
Earliblue—Very hardy. Early. Grand.
Herbert—Extra hardy. Late. Huge.

12-18 inch\$3.00 each, 10 \$25.00
(1 each, all three for \$8.75 ppd.)



Above: Blueberry

Below: Highbush Cranberry

Highbush Cranberries

Large fruited, heavy - yielding type of *Viburnum trilobum* — high in pectin. Zone I. Make sauce or jelly, same as with cranberries, but strain to keep out pits. 2 feet plants:

\$1.65 each,
10 \$13.50



SELF-STERILE FRUITS

Many fruits do not bear good crops if planted separately. Pollen from nearby trees of different variety is often needed. Noted on next pages by:

- self - unfruited. Do not plant by itself, but with another variety of the same fruit.
(Self-fertile if not marked.)

(P)—Good pollenizer.



Fruit trees and shrubs are planted like any other deciduous tree or shrub. Most need some care, but those most labor-saving include: Crabapples, Blueberry, Blackberry, nut trees and (in regular fruit) the dwarfed forms rather than the standard trees. An orchard so planted can be less than half as much work and expense.

BERRIES

Berries come on old wood only, so prune right after picking.

Black Raspberry (10) (100)
Bristol. Standard, good, early.
..... \$2.50 \$15.00

Purple Raspberry
Sodus. Heaviest bearer of all raspberries \$2.75 \$17.50

Red Raspberries
(Rubus Strigosus) Zone I
Latham. Old variety, very dependable. \$2.75 \$18.00
September. Crops spring and autumn. The best
"Everbearing". \$3.50 \$20.00

Dewberry
Lucretia is hardy in Zone VI. Like a blackberry, but better.
Trailing. \$2.50 \$15.00



Yellow Raspberry (10) (100)
Amber. Large fruits, high quality. Zone IV. \$3.50 \$17.50

Blackberries
Zone III
Midnite. Large berry. New. Vigorous. \$4.00 \$29.00

Thornless Boysenberry
Huge, 2 in. berry, highest quality of all brambles. Prolific. No better berry known. Zone VI.
1 year \$2.75 \$15.00

Startling NEW Everbearing Fruits

These two novelties are a must for all amateur orchards.

Postpaid Prices
\$2.95 each, 2 for \$5.50

Collette Pear—

Firm, sweet, juicy. Keeps blooming and bearing almost all summer. (Plant Patent 1401.)

Everbearing Peach

Medium - size fruit; sweet, tasty, freestone. Bears from late July to late September. Sensational for home-orchard. (Plant Patent No. 1503.)

Dwarfed Fruits

Available in All Varieties Listed.

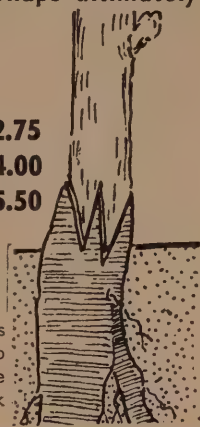
A tree whose fruit is as large or larger than ordinary, but which never grows very tall—perhaps ultimately 12 to 15 feet. Space 12 ft. apart.

PRICES: All kinds listed here:—
(50c packing on orders under \$10.00)

1 year—Not branched	\$2.75
2 year—Branched	4.00
3 year—Heavier	5.50

If extra dwarf apples wanted specify **Malling 9**.

Planting Depth should be so that the graft is just above the ground or an inch above. If too deep the scion develops its own roots and the tree is no longer dwarf. If too high, rootstock suckers.



Standard Fruits

Available in All Varieties.

APPLES—2-year, 5-6 ft. 11/16 in.	\$2.25
CHERRIES—2-yr., 4-5 ft. 11/16 in.	2.95
PEACHES—1-yr., 4-5 ft. 9/16 in.	2.00
PEARS—2-yr., 4-5 ft.	2.50
PLUMS—2-yr., 4-5 ft.	2.50
APRICOT—2-yr., 4-5 ft.	2.25
NECTARINE—1-yr., 3-4 ft.	2.40
QUINCE—2-yr., 4-5 ft.	2.50

Espaliered Fruit

(Available in Apples, Pears only)

Ten to twelve feet is the maximum height to which true dwarf Espaliers will grow. Little pruning is needed—beyond keeping the small new spurs from reaching more than six inches outside of the main stems. When a spur has borne it will continue to bear. Pick the stem with the fruit.



U-Form
4 to 6 feet
(2 feet wide)
\$13.50 each



Four-Arm
5-6 ft. (hvy.)
(4 feet wide)
\$25.00 each



Fan-Shaped
6 to 8 feet
(8 feet wide)
\$22.50 each

Peach (Zone 5)

Needs annual pruning. Standard: Space 16 ft., bear 3rd year. Dwarf: Space 10 ft., bear 2nd year.

Belle of Georgia. White, rich flavor. Vigorous, productive. Sept. Extra hardy.

Elberta. Yellow. Fruit large firm. Good canning. Sept. 15.

Early Elberta. Similar, Sept. 5.

Golden Jubilee. Yellow. Aug. Extra hardy. Juicy, sweet.

• **Hale Haven.** A marvelous large yellow peach. Hardy. Delicious flavor. Early Sept.

Pears (Zone 4)

Dwarf: Space 12 ft., bear 3rd year. Standard: Space 20 ft., bear 6th year.

• **Bartlett.** Large, rich juicy, golden. Canning, eating. Sept.

• **Beurre Bosc.** Very large, rich, juicy. Late Sept.-Nov. Eating.

Duchess d'Angouleme. Extra large, greenish yellow, spotted. Excellent. Young bearer.

• **Clapp Favorite.** (P) Fruit large, pale, fine-grained, juicy. August.

• **Seckel.** Small, attractive. Blight-resistant. Sept.-Oct. Eating, pickles.

• **Anjou.** Large yellow. Tender, very juicy, spicy, rich. Eating. October.

Cherries

Need extra heavy pruning when planted.

SOUR (P. Avium) (Zone 4)

Early Richmond. Clear red, medium sized, June.

Montmorency. Largest, firm flesh. Disease resistant. Finest quality. June.

English Morello. Best late variety. Mid-July. Tart, large, red.

SWEET (P. Cerasus) (Zone 5)

• **Black Tartarian.** (P—Best.) Purplish black, juicy, rich flavor. June.

• **Windsor** ("Black Oxheart"). Large, dark, juicy, firm. July.

• **Napoleon** ("White Oxheart"). Rich, sweet yellow. Late June.

• **Schmidt Bigereau.** Huge black. Delicious. Early July.

Plums (Zone 3)

Trifloras and European varieties do not cross-pollinate.

TRIFLORAS (P. Salicina)

• **Abundance.** Red, medium sized. Flesh yellow, juicy. Vigorous, productive. Aug.

• **Burbank.** Red, medium sized. Flesh yellow, very juicy. Aug.

• **Santa Rosa.** Large juicy red. August.

• **Formosa.** Large yellow. Sept.

EUROPEAN (P. domestica)

German Prune. Large, dark blue. August.

• **Lombard.** Medium-size, juicy, dark red. Hardy, prolific.

• **Reine Claude** (Bavay's Green Gage). Large yellow. Late Sept.

Stanley. Large dark blue prune. Annual bearer. Late Sept.

Damson. Small, purple. Cooking. Sept.

• **Shiro.** Gold, juicy, August.

• **Bradshaw.** Large dark violet. Annual bearer. Delicious quality. Sept.

Apples (Zone 2)

SUMMER APPLES

Red Astrachan. (P) Large striped red. Young biennial bearer. Eating, cooking.

Early McIntosh. (P—best for Northern Spy.) Like McIntosh. Biennial bearer. Eating, cooking, baking.

Yellow Transparent. Golden, juicy. Young biennial bearer.

Duchess Oldenberg. (P) Extra hardy, large striped. Biennial. Eating, baking.

AUTUMN APPLES

Gravenstein. Large striped red. Good quality. Eating, cooking.

• **McIntosh.** (P) Striped, aromatic flesh. Young annual bearer. Eating, cooking, baking.

• **Red McIntosh.** (P) Solid red. **Wealthy.** (P) Striped young annual bearer. Eating, cooking.

WINTER APPLES

• **Cortland.** (P—best for McIntosh.) Annual bearer. Eating, cooking.

• **Delicious.** (P) Crimson. Crisp tender, juicy. Annual bearer.

• **Golden Delicious.** Large, yellow. Marvelous flavor. Young annual bearer. Eating, cooking.

• **Northern Spy.** (P—for all but McIntosh). Large red, striped, high flavor. Annual bearer. Eating, cooking.

Jonathan. (P) Small, but crisp, juicy. Biennial. Eating.

Rome Beauty. (P) Annual bearer. Striped, large. Eating, cooking.

• **Stayman Winesap.** Young annual bearer. Zone V or South. Crisp, juicy. Baking, eating.



SPACING FRUIT

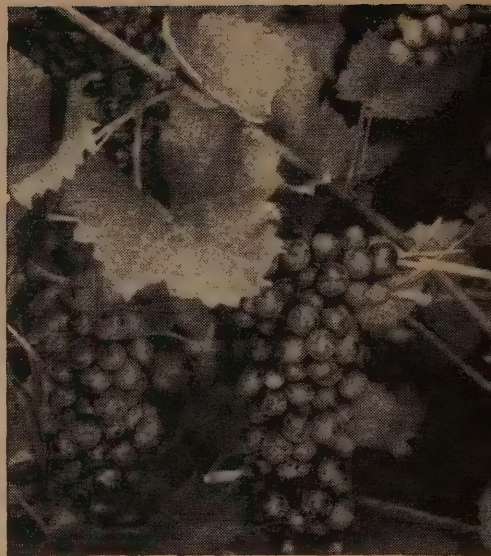
All Dwarfs.	10 by 10 ft.
Standards:	
Apple	30 by 30 ft.
Cherry	25 by 25 ft.
Peach, Plum	20 by 20 ft.
Pear	25 by 25 ft.
Apricot	12 by 12 ft.
Raspberry	2 by 4 ft.
Grape	8 by 10 ft.
Blueberry	4 by 6 ft.
Chestnut	30 by 30 ft.
Walnut	40 by 40 ft.

Hybrid Grapes

No permanent canes needed; only a short trunk or shank. Grapes grow on new wood, which is pruned away each year. Zone V.

Grape Culture calls for plenty of humus in the soil. Old manure is far the best form, to produce vigorous spring growth. Extra moisture is needed as fruits fatten in summer. Otherwise grapes may be small, dry.

The European Grape (*Vitis vinifera*) is far superior to our native grapes. However, it has not the stamina to withstand sub-zero weather and succumbs to disease, while our hardy native grapes remain immune. These hybrids combine American health with European flavors.



5 Popular Hybrids

\$2.00 each, 3 for \$4.50 ppd.

INTERLAKEN SEEDLESS

New hybrid seedless hardy in Zone IV. Very sweet, meaty and crisp. Amber color, tangy flavor. Ripens early (Sept. 1st).

STEBEN (Blue-Black)

Exquisite flavor. Huge, long slender clusters. (Zone IV). Absolutely free from rot and mildew.

ROMULUS SEEDLESS

New American-European hybrid to Zone IV. Mid-Sept. Yellow, sweet, meaty. Fine seedless variety.

GOLDEN MUSCAT

California type, fine aroma. Large juicy, sweet and tender. Zone VI.

SEIBEL No. 9110

Yellow table grape of unusually fine dessert quality. Bears young.



The new Steben Grape

HERBS PRICES POSTPAID

Most herbs are easy to grow in average soil, well drained and in full sun.

Kitchen Herb Collection: 3 each of six kinds: Chives, Peppermint, Rosemary, Tarragon, Sage, and Thyme, 18 plants in all, for \$13.90 postpaid.

Peppermint—spreads. 3 for \$2.25

Sage (*salvia officinalis*). 2 ft. Sun, gray leaf, purple flower. 3 for \$2.25 (10 for \$5.00)

Lavender (*Lavandula veris*). 18 in. Fragrant leaf and flower. Gather flower spikes when buds open.3 for \$2.50 (10 \$6.00)

Rosemary (*Rosmarinus officinalis*). Must winter indoors except in south. Narrow spicy leaf, delicious3 for \$2.75 (10 \$6.00)

Tarragon (*Artemisia dracunculus*). 2 ft. Narrow, glossy leaf, aromatic3 for \$2.25 (10 \$5.50)

Stepping-Stone Herbs:

Four kinds suited to growing between flags; spice the air, yet do not suffer from tramping: White Creeping Thyme, Crimson Thyme, Woolly Thyme, Lemon Thyme.

3 each (12 plants)
\$8.25 (ppd.)

10 each (40 plants)
\$20.00 (ppd.)

HARDY NUT TREES

There are good nuts to be grown in the north. Chestnuts from seed are young, heavy bearers. The Walnuts are hardy and also bear heavily and young. The first two years mulch well with hay or straw. Water if drought comes. Do not plant deeper than they were in nursery.

BLACK WALNUTS—Zone IV

One of our most beautiful native trees, growing well in any fertile well drained soil. The grafted sorts bear their first nuts commonly in the third to fifth year. **Thomas** is a rapid-growing kind. The meat is attractive and tasty, falls out easily in halves.

3 to 4 ft.....\$4.00 each, 5 for \$15.00
6 to 8 ft...\$10.00 each, 5 for \$45.00

ENGLISH WALNUT (Carpathian)

Fast growing to 30-35 feet. No spraying necessary. Good, flavorful nuts, easy to open. A boon for northern gardeners. Zone V. Glossy dark-green leaves.

3 to 4 feet \$4.75 each, 5 for \$20.00

BUTTERNUT

(*Juglans cinerea*) 90 ft. Zone III. Nuts taste like Black Walnut.

3 ft. X.....\$2.95 each, 5 for \$13.50

CHINQUAPIN CHESTNUT

(*Castanea pumila*) 20 ft. Zone V. Tasty nuts, totally blight-free.

1½ to 2 ft. ...\$3.95 ea., 5 for \$17.50

CHINESE CHESTNUT

(*Castanea mollissima*.)

Similar to the American in flavor (sweet) but injured to the Chestnut blight. Zone V. Bears very young. Needs cross pollenizing, we will not sell less than 2 trees.

12 in. S25 for \$20.00
(100 \$65.00)

3 feet X3 for \$7.50
(10 \$20.00)

4-5 feet X2 for \$8.50
(5 \$13.50)

6-7 feet (Bearing Age)
2 for \$12.95

Hall's Almond

New hardy strain. Zone V. Small tree; nuts not paper-shell, but fine flavor. Attractive in spring in bloom.

3 to 4 feet....2 for \$2.75
(10 for \$24.00)



Chestnuts bear young—3½ foot tree, 50 nuts.



European Filberts

Corylus avellana. 15 ft. Zone III. Good nuts, good dwarf trees.

*12 in. S....10 for \$6.00, 100 \$45.00
3 to 4 ft.....\$4.50 each, 5 for \$15.00

—**Barcelona, Royal, DuChilly**
2 to 3 ft.(1 ea.) 3 for \$10.50

Hazelnut

Corylus Americana. 10 ft. shrub. Zone IV. Tasty nuts.

*12 in. S.....25 \$8.00, 100 \$25.00
4 feet\$3.75 each, 5 \$15.00

Hardy Pecan

Carya pecan. 50 ft. Zone V. Selected hardy strain. Good nuts.
3 ft.....\$4.00 ea., 3 \$11.00

Unusual Fruits

Beach Plum

Prunus maritima 6 to 8 ft. Zone III. Thrives in gardens better than on seashore. Good drainage. Useful for jam and jelly. Unique taste.

18-24 in. \$1.95 each
3 \$5.00

Medlar

Eriobotrya germanica. Zone V. Small tree, pear-like fruit, unique, soft, acid flavor. Ripens after picking. A favorite of medieval days, still liked.

2 yr. grafts 3 to 4 ft.,
\$5.00, 3 for \$13.50

Native Persimmon

Diospyros virginiana makes a 20 foot tree, moist soil. Zone IV. Fruit late fall, like figs.
4 to 5 ft....2 for \$8.50

Oriental Persimmon

Finer fruit. Zone VI—not a tropical plant.

4 to 5 ft2 for \$8.50

HOWARD MIRACLE PLUM

(Pat. No. 721)

Handsome tree, 20 ft. Zone III. But outstanding fruit, juicy, thin-skinned. Flavor something new, semi-tropical, truly delicious. Between a peach and a plum. Exciting.

4 ft. \$3.75 each
5 for \$15.00

PERENNIALS

PAGES 62 TO 68



Photo: Sunny Perennial Border—Ten showy yet labor-saving, insect-free plants for such a position are: Bearded Iris, Peonies, Thymus serpyllum, Astors in variety, Baptisia, Phlox, Physostegia, Teucrium, Coreopsis and Veronica.

On these seven pages is packed more information and variety than in many a large perennial catalog. Strong, sturdy field-grown clumps are offered, except for kinds that do best in pots. Perennials are not shipped until late April and May as a rule, but **ORDER NOW**. We'll ship at the right time. Add 50¢ handling on perennial orders under \$5.00, otherwise all prices postpaid East of the Rockies.



Dianthus
(Hardy Carnations)

PERENNIALS last for years in the ground. One plant in New England has been recorded at four generations.

HARDINESS is sufficient to grow most kinds up to Zone IV. Extra hardy sorts include: Aquilegia, Campanulas, Dianthus, Delphinium, Hemerocallis, Iris, Lilium, Peony, Phlox.

Astilbe Fanal

The name means "lighthouse" and the fiery red spikes brighten any garden. May-June. 18 inches high. Space 12 inches. Rich, humus, sun or semi-shade. 3 for \$4.00 (10 for \$10.00).

True Bleeding Heart

Dicentra spectabilis. Old favorite. Showy pink all summer. Space 19 inches, shade. Plant early in spring or wait till fall. 3 for \$4.95 (10 for \$9.95).

Christmas Rose

Handsome, but much over-rated in current popular advertising. But a fine small plant.

Helleborus Niger. Tiny evergreen with white blooms. December to March. 3 for \$6.50, 10 for \$15.00.



Christmas Rose



Photo: Aster Frikarti

Baby's Breath (Gypsophila)

Bristol Fairy. Very dainty, many little blooms. 3 for \$6.00.

Rosy Veil. An early, compact dwarf Baby's Breath. Pink and white. 3 for \$3.65 (10, \$7.50).

Aster Frikartii. The finest garden plant introduced in the last 20 years. Mass of flowers June to November. Sun or light shade. Ht. 30 in., space 15 in. Lavender blue. 3 for \$3.65. 10 for \$7.30.

Fall Asters. Tolerant, tall. Any one kind priced 3 for \$2.65.

—**Harrington Pink**—best pink.

—**Climax**—60-inch lavender.

—**Mt. Everest**—40-inch white.

—**Plenty**—40-inch sky-blue.

Hardy "Carnations"

Dianthus that look and smell like florists' carnations. Hardy. Blooms all summer. Either kind:—

Avalon—Red.

Avalon White—White.

3 for \$3.00, 10 for \$6.00

Lily of the Valley

Convallaria majalis. These are rooted clumps, ready to bloom, not mere "pips." Fragrant, white sprays in May. Rich soil, in shade. 10 for \$5.00 (100, \$35.00)

Loosestrife (Lythrum)

Morden's Pink. Profuse spikes of rose-pink. June to Sept. Very tolerant. Height 2 ft., space 15 in. 3 for \$3.20. (10 for \$6.25)

Funkia (Plantain-Lily)

Subcordata grandiflora. The well-known white August Lily. 3 for \$6.00, 10 for \$12.50.

Viola Odorata

Fragrant bloom all spring. Hardy, easily grown. Any one kind. 3 for \$2.50, 10 for \$5.25.

Royal Robe—large, blue.



ROOT CLUMPS. Most perennials come as sketched above. Work the loose earth well in among the roots; spread roots gently to allow this. Water well to settle. If growth has started, shade from direct sun first few days.

Showy New Spiderworts

Daily dozens of large blooms June to August. Very tolerant. 18 in. high. Any one kind 3 for \$2.75.

—**Avalon**, white.

—**Purple Dome**, purple.

—**Blue Stone**, large blue.

Day-Lilies

(*Hemerocallis*)

All gay, clean colors. Here are the best in each color and season. Sun or shade; disease-free. Each kind blooms about 4 weeks. These are sensationally handsomer than old-fashioned day-lilies: larger, brighter, showier.



	EARLY (May-June)	MID-SEASON (July)	LATE (August)
3 Creams \$3.50	Devon Cream —Creamy yellow. Grand .....\$1.75	Patricia —Creamy yellow, green throat. Fragrant .....\$1.10	High Boy —Tall and very pale \$.80
3 Yellow \$2.15	DuMortieri —Rich yellow. 24-inch..\$.70	Hyperion —Finest canary. 4 ft. ..\$.80	Mrs. W. H. Wyman —Fine lemon \$.80
3 Orange \$3.50	Earliana —Golden orange. Fine ..\$1.45	Rajah —Orange and red. Striking....\$1.10	August Orange —Rich orange ....\$1.20
3 Pinks \$4.20	Symphony —Rose red and yellow blend. 3½ ft. \$1.45	Pink Charm —Soft Ochre-red pink. 4 ft. tall .....\$1.45	Rosalind —(Fulva rosea). Pinkest of all kinds .....\$1.45
3 Reds \$3.25	Theron —Wine-red. Graceful twisted petals .....\$1.10	Tejas —Intense fiery red, yellow throat .....\$1.10	Gay Troubador —Red and cream bicolor. Unusual \$1.35
3 Purple \$3.25	Purple Waters —Wine-purple. Very vigorous .....\$1.35	Port —Port wine on well branched stems. 30-inch \$.80	Persian Princess —Velvet-red overlaid on purple .....\$1.35



LILIES

Drained
Soil.

Canadense — 2 ft. June. Orange. Prefers sunny, damp site. 5 for \$2.20 postpaid.

Regal—5 ft. July. Sunny. Pink, white, yellow blend, fragrant. 3 for \$2.50, 10 for \$5.00 ppd.

Speciosum rubrum — 3 ft. August. Rose-pink dotted crimson. Fragrant. 3 for \$3.50 postpaid.

Philadelphicum—2 ft. July. Orange-cup Lily. Showy. 5 for \$2.20 postpaid.

Superbum—5 ft. July. Turkecap Lily. White, spotted red. 5 for \$2.20 postpaid.

MODERN BEARDED IRIS

are exciting, bright, clean colors . . . are

huge, with often several flowers to a stem. They are nothing at all like old-fashioned German Iris of even twelve or fifteen years ago. The best of the new ones as they come out sell for very high prices, but when available in quantity the price drops. Here are 24 such, still considered among the top quality, but which are now available at \$1 or less: Plant all spring (or fall).

Tree-Peonies \$6.75 ea. Postpaid

Bloom Earlier; of immense size. These plants are in 5-inch pots, can be moved any time.

Reine Elizabeth — Salmon. Double.

Souv. de Ducher — Violet, double.

Argosy—Yellow.

La Lorraine — Yellow and salmon.

Flora—White.

Flambeau — Dbl. Salmon-red.

Blue Shimmer—Creamy white, edged and dappled blue. \$.70

Great Lakes—Pure blue, lighter beard. Grand. \$.70

Lady Mohr—Oyster white and chartreuse. Impressive. \$.80

Chivalry — Outstanding blue. \$.95

Blue Rhythm—Huge cornflower blue. 1950 Dykes Medal. \$.75

Desert Song — Large, ruffled cream. New. Outstanding. \$.95

Dream Castle—A lovely, pure orchid pink. Perfection. \$.95

Helen Magregor — Clear, pale blue. Large ruffled. 1949 Dykes. \$.95

Ola Kala—Deep yellow, ruffled. Striking in landscape. \$.75

Snow Flurry — Blue-white; icy and perfectly formed. \$.95

Lady Boscawen — New ruffled white, light yellow beard. \$.80

Minnie Colquitt—Massive white plicata, ruffled flower. \$.80

Elmohr — Tall purple 1945 Dykes medal. Fine. \$.85

Wabash — White with violet falls. 1940 Dykes. \$.70

Solid Mahogany — Grand tall dark red. \$.65

New Snow—Ruffled white, very pure. Bright yellow beard. \$.95

Pink Cameo—New flamingo pink (no violet). Tangerine beard. \$.85

Ranger—Almost crimson. Large flower, broad flaring falls. \$.95

Rocket—Pure deep gold and orange. Ideal form. \$.95

Sable—Almost black, dark blue beard. Large, tall. \$.90

Vatican Purple—Silky, bright blue-purple, heavy texture. \$.80

4 Everblooming Iris

Early spring, occasional summer bloom and heavy fall show. Water and fertilize lightly between flowering periods.

Autumn Dawn—Pink
Frost Queen—White
Sangreal—tall yellow
October Blaze—red

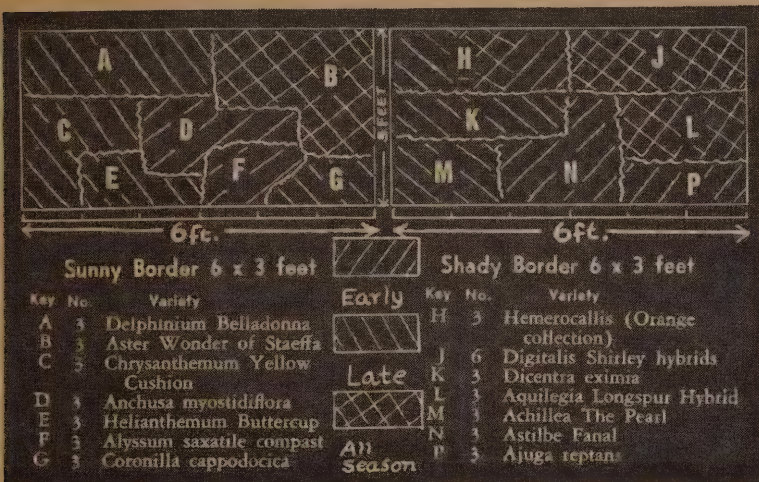
3 of a kind for \$1.95

8 (2 each) for \$6.25



PLANNING A PERENNIAL BED

The first step is to run through the lists; jot down all kinds that will grow on your location. After each name mark height—low, medium or tall. Group the names in three lots —late, early and all-season bloomers.



COLOR ARRANGEMENT

Begin with the favorite flowers: in the sunny border at left, Delphinium: Tall, late; space 12 inches. On paper draw three square feet (any shape) and write 3 Delphinium. (fewer make no show.) Now the late garden is established as blue. A companion plant is all-season Aster Frikarti. Heighten the early blue with Anchusa. Yellow is a fine complementary. Chrysanthemums and other yellow plants in front. For each the planting distance is carefully drawn. Change until it suits available space. The shade border: Here the favorite plant is Aquilegia (Columbine) and the whole garden matches, with the blazing Astilbe for early flash. Later, on the left is a white, with a rose behind it and orange beyond.



Hardy PHLOX

JAPAN IRIS

Moist, part shade, fertilize. Huge flowers in July. Any one kind: 3 for \$3.20.

Rose Anna — Large rosey-wine.

Mahogany — Brownish red.

Albatross—White.

Kagari-Bi — Blue, with yellow variations.

Decussata (Summer Phlox)

July to October. Space 10 inches, sun, drained, fertilized. Never water foliage. Any one fine new kind: 3 for \$2.75, 10 for \$5.90.

Daily Sketch—Very large salmon-pink florets with crimson eye.

Leo Schlagter — Orange scarlet florets in very large trusses, very popular.

Lillian—Beautiful pure pink without magenta. Good panicles of large florets. Healthy growth.

Spitfire — Scarlet-orange tone. New, a fine summer show.

Dresden China—Soft pink.

Purple Heart—Blue and purple. A lively shade. Large truss.

World Peace—Pure white.

Phlox stolonifera

Blue Ridge variety. A nice creeping plant sends up 3-inch heads of clear blue in June.

3 for \$2.95, 10 for \$5.90

Suffruticosa (Early Phlox)

Sun, drain, space 10 inches.

Miss Lingard — The best early white known. June to October.

3 for \$2.95, 10 for \$5.90

Subulata (Moss Pink)

A low spreading mat for full sun in drained soil. Bloom April and May. Any one kind—

3 for \$2.75, 10 for \$5.45

Crimson King—Showy red.

Alba—Pure white.

Camla—Very fine pink. A rock-garden item.

ANY ONE KIND ON THIS PAGE PRICED:
3 for \$2.95 (10 of any one kind \$5.95 ppd.)

40 CHOICE PERENNIALS

	(Space)	(Ht.)	(bloom)
ACHILLEA Angels Breath, white	12"	18"	Jun-Aug
— <i>tomentosa</i> (Woolly Yarrow), yellow	12"	18"	Jun-Sep
— <i>Rose Beauty</i> , carmine	12"	18"	Jun-Aug
AETHIONEMA Warley Rose (Blue foliage)	8"	4"	Apr
ANEMONE — <i>pulsatilla</i> (Pasque flower), purple	9"	12"	April
ARMERIA (Thrift) <i>lancheana</i> , rosy	9"	6"	May-Jun
CAMPANULA <i>gargancia</i> , blue, trails	9"	4"	Jun-Sep
— <i>persicifolia</i> , blue	9"	12"	Jun-Aug
— <i>carpatia</i> , blue	9"	60"	Jun-Sep
CLEMATIS <i>integrifolia</i> , blue	15"	24"	Jun-Oct
— <i>Stans</i> , huge, white to blue	18"	50"	Jul-Sep
DELPHINIUM <i>belladonna</i> , azure blue	18"	36"	Jun-Sep
— <i>Pacific Hybrids</i> , mixed colors	18"	36"	Jun-Sep
DICTAMNUS (Gas-plant) <i>rose</i> , white	15"	36"	May
DORONICUM <i>caucasicum</i> , yellow	9"	24"	May-Jun
FILIPENDULA <i>hexapetala</i> , dbl, white	18"	12"	Jun-Jul
GERANIUM <i>lancastriense</i> , pink	8"	8"	Jun-Oct
GEUM — <i>Mrs. Bradshaw</i> , dbl. red	12"	18"	June
GLOBULARIA <i>cordifolia</i> , blue	9"	9"	July

	(Space)	(Ht.)	(bloom)
HIBISCUS (Giant Mallow), mixed	36"	60"	Jul-Sep
IBERIS <i>sempervirens</i> (Candytuft), white	6"	6"	May
— <i>Snowflake</i> , large white, compact	6"	6"	May
INCARVILLEA (Hardy gloxinea) — <i>brevipes</i> , bright crimson	12"	18"	Jun-Aug
NEPETA <i>mussini</i> (Groundivy), lavender	8"	12"	May-Sep
PHYSOSTEGIA , <i>Virginia Vivid</i> pink	12"	15"	Jul-Aug
— <i>alba</i> , white form	12"	15"	Jul-Aug
PLATYCODON (Balloon Flower) — <i>Japanese</i> , dbl, deep blue	12"	12"	May-Oct
— <i>mariesi alba</i> , white	12"	12"	May-Oct
PLUMBAGO <i>larpentae</i> (Leadwort), blue	12"	6"	Sep-Oct
PRIMULA <i>Colossae</i> , mixed colors	12"	9"	Apr-May
RUDBECKIA <i>purpurea</i> (cone-flower)	12"	36"	Sep
SCABIOSA <i>cancasica</i> , blue	12"	18"	Jun-Sep
TRITOMA <i>pfitzeri</i> , <i>Flame</i> , vivid red	12"	30"	Aug-Oct
— <i>White Fairy</i> , white	12"	36"	Jul-Sep
TROLLIUS <i>Ledebouri</i> , gold	12"	36"	June
VERONICA <i>incana</i> (Speedwell), blue	6"	12"	Jul-Aug
— <i>holaphylla</i> , blue	12"	14"	Jul-Sep
— <i>spicata</i> , bright blue	6"	9"	Jul-Sep
— <i>S. rosea</i> , pink	6"	9"	Jul-Sep

PERENNIALS

THAT TAKE CARE OF THEMSELVES

ASCLEPIAS *tuberosa*.
 ACHILLEA *ptarmica*
 ASTER *frikarti*
 BAPTISIA *australis*
 CAMPANULA *medium*
 ... *rotundifol.*
 CORONILLA *cappod.*
 COREOPSIS (var.)
 CIMIFUGA *racemosa*
 DICENTRA (*varieties*)
 CYPRIPEDIUM (var.)
 IRIS *versicolor*
 ... *pseudacorus*
 HEMEROCALLIS (var.)
 LIATRIS *scariosa*
 LILIUM (most vars.)
 LOBELIA *cardinalis*
 LYTHRUM *virgatum*
 MERTENSIA *virginica*
 MYOSOTIS *semper.*
 NEPETA *mussini*
 PEONIES (most)
 PENSTEMON *barbatus*
 PHLOX *subulata*
 ... *divaricata*
 THALICTRUM (var.)
 THERMOPSIS *carol.*
 THYMUS *serpyllum*
 TRADESCANTIA (var.)
 TRILLIUM (all)



SHADE PERENNIAL BORDER—Some showy yet labor-saving plants for such a position are:—Beardless Iris, Day-Lily, Lilies, Liatris, Lythrum, Mertensia, Tradescantia, Aquilegia, Digitalis, Lady-Slippers, Campanula carpatia and Astilbe Fanal.

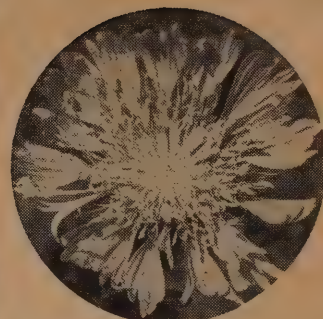
40 POPULAR PERENNIALS

3 for \$2.35 (10 of any one kind \$4.95 ppd.)

	(Space)	(Ht.)	(bloom)
AJUGA reptans (Bugle), low mat blue	9"	5"	May-Jun
ALYSSUM saxatile compactum , yellow	9"	12"	Apr-May
AMSONIA montana , blue	12"	24"	May
AQUILEGIA (Columbine) — chrysantha , yellow	10"	24"	May-Jun
— Long-Spur Hybrids , mixed	10"	30"	May-Jun
ARENARIA verna caespitosa , white	8"	6"	Apr.
BOLTONIA latisquana , white	18"	50"	Sep.
CENTAUREA montana (Cornflower), blue	12"	24"	Jun-Sep
— macrocephala , yellow	18"	48"	Jul
— dealbata , rosy-lilac	18"	40"	Jul
CERASTIUM tomentosum (Snow-in- Summer) Woolly gray leaf, white	12"	6"	Jun
DIANTHUS — plumarius (Pinks), mixed	12"	15"	May-Jun
ECHINOPS ritro (Globe Thistle), blue	24"	24"	July
GAILLARDIA Burgundy (Red)	12"	18"	Jun-Oct
HELIANTHEMUM (Sun-rose), mixed, evergreen	9"	3"	Jun-Sep
— Fireball , Red	9"	3"	Jun-Sep
— Lemon Ball , yellow	9"	3"	Jun-Sep
HELIANTHUS orgyalis , yellow	12"	48"	Oct
HELIOPSIS Zinnaeiflora , yellow	30"	30"	Jul-Sep
LIATRIS elegans , white spikes ...	12"	48"	Aug
— Bycrostachya , rose-purple	12"	48"	Aug-Sep
LINUM Norbonense (Flax), blue ...	12"	24"	Jun-Aug
LYCHNIS viscaria , rose-pink	9"	10"	May-Jul
LYSIMACHEA vulgaris , wet soil, yellow	18"	36"	Jul-Aug
— nummularia , yellow	9"	2"	Jun-Aug
MALVA alcea , pink to white	24"	24"	Jul-Aug
PENSTEMON (Barbatus) , pink	12"	40"	Jul-Aug
— confertus , yellow	12"	24"	July
PYRETHRUM ros. (Painted Daisy), mixed	15"	24"	May-Aug
POTENTILLA Nepalensis , rose	12"	18"	July
— Warrensi , golden clusters	12"	18"	July



Delphinium



Above: Stokesia
Below: Phlox



	(Space)	(Ht.)	Bloom)
SAPONARIA ocymoides , trailing, pink	6"	6"	May-Jul
SALVIA Pitcheri (Sage), clear blue.	24"	36"	Aug-Sep
— Pratensis , deep blue	18"	24"	July
SEDUM — Dragon's Blood , d. red leaf	6"	6"	Aug-Sep
— Reflexum , yellow. Evergreen	6"	6"	July
SILENE Schaffta , rose-pink	6"	4"	Aug-Sep
— maritima , white	12"	12"	July
— Fortunei , rose	12"	36"	Sep
STACHYS lanata (woolly Betony), purple	12"	12"	Jun
STATICE latifolia (Sea Lavender) .	9"	15"	Jul-Aug
STOKESIA Laevis , insect-free, blue	12"	18"	Jun-Nov
TEUCRIUM chamaedrys , rosy, ever- green leaf	12"	18"	Jul
THALICTRUM glaucum (Meadowrue) yellow	12"	24"	Jun-Jul
VALERIANA coccinea , rose	9"	12"	Jun-Jul
— alba , white variety	9"	12"	Jun-Jul

WILD-FLOWERS

Lady-Slippers, Trillium, Bloodroot, etc., can be shipped only in fall.

Success with wild flowers is simply putting them in the soil and exposure to which they are accustomed. Coddling is apt to do more harm than good.

Columbine

Aquilegia canadensis — 2 ft. Red and yellow in late spring. Well-drained, sun or part shade. 5 for \$2.20 postpaid.

Butterflyweed

Asclepias tuberosa — 18 inch. Orange in June-July. Sunny, well-drained. 3 for \$2.45 (10 \$4.95), postpaid.

Poppy Mallow

Callirhoe involucrata — Prostrate trailing plant. Large rosy crimson flowers all summer. Dry, sunny. 3 for \$2.45, (10 \$4.95) postpaid.

White Bugbane

Cimifuga racemosa — 4 ft. Spikes of white, July-August. Shade. 5 for \$4.00 ppd.

Plumy Bleeding-heart

Dicentra eximia — 12 inch. Rose pink throughout summer. Handsome cut foliage. Sun or shade. 3 for \$3.20, (10 for \$6.75) postpaid.

Shooting Star

Dodecatheon media—12 inch. Pink, April to May. Rosettes of large green leaves. Light moist soil, some shade. 5 for \$2.95 postpaid.

Cardinal Flower

Lobelia cardinalis—4 ft. Tall spikes of most brilliant scarlet in August. Rich, moist soil. 5 for \$2.95 postpaid.

Evening Primrose

Oenothera missouriensis — Dwarf, covered with yellow blooms all summer. 3 for \$2.80, (10 \$5.95) postpaid.

Liverleaf Hepatica

Hepatica triloba — 6 inch. Flowers vary from pink to blue-white, early spring. Acid, shade. 5 for \$2.95 postpaid.

Blazing Star

Liatris psynotachya — 5 ft. Tall spikes of rich purple in August - September. Unusual and attractive. Well-drained soil. 3 for \$2.45, (10 \$4.95) postpaid.

Blind Gentian

Gentiana Andrewsii—12 inch. Bright blue, large flowers in clusters, August - September, that never open. Handsome, rare, moist. 5 for \$2.95 ppd.

Native Phlox

Phlox divaricata — Masses of lavender blue, April to June. 10 inch. 3 for \$2.95. (10 for \$6.40) postpaid.

Carolina Lupine

Thermopsis caroliniana — 3 feet. Spikes of yellow pea-flowers in June-July. 3 for \$2.45, (10 \$5.00) postpaid.

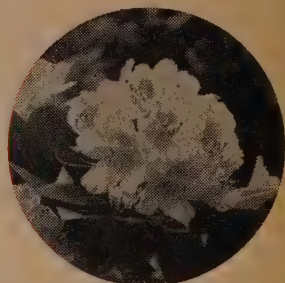
Wild Iris

Iris cristata (crested)—8 inch blue, creeping. 5 for \$2.95 postpaid.

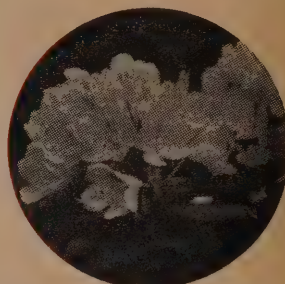
Iris versicolor (Blueflag)—2 ft. blue. Marshes or damp soil. 5 for \$2.95 (100 for \$30.00) postpaid.

Great Solomons Seal

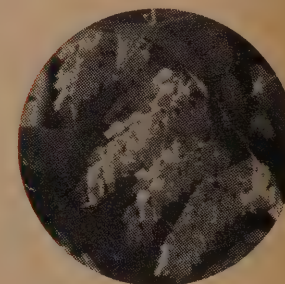
Polygonatum commutatum — 30 inches. White flowers in May. Handsome leaf. Peat, light shade. 5 for \$2.95 ppd.



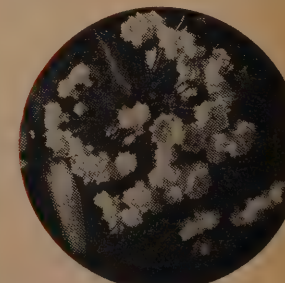
Rhododendron catawbiense
Purple, June, ZONE IV, 10 ft.



Rhododendron maximum
White, July, ZONE III, 15 ft.



Leucothoe catesbaei
White, May, ZONE V, spreads.



Kalmia latifolia. (Mt. Laurel)
Pink-white, June, ZONE III, 8 ft.



Easy to plant and care for

Native ARISTOCRATS

These five flowering evergreen shrubs are shipped from the mountains of North Carolina. They are dug from natural growth in the open (not in woods) hence will succeed in normal garden conditions. Plant mid-Apr. to late May safely. Soak heavily after planting. Mulch heavily with old leaves.

Rhododendrons low as 39½c in few years, with little care, will be bushy \$10 specimens.

SIZE 1: AS SMALL AS SAFE TO SHIP 8-12 inch seedlings (1 stem) with ball

This special "Young Aristocrat" grade measures about 12 inches dug with a little earth left on roots, but not burlapped. Plants weigh about one pound only. This stock is not to be compared for a minute with ordinary collected plants. It is, on the contrary, all carefully dug, the greatest pains being taken to preserve the roots. Carefully packed, it is easily planted and makes a quick start. Shipped from North Carolina, express runs only 8c each (in 100 lots).

Rhododendron	(25)	(100)
maximum	\$14.00	\$49.50
carolina	18.00	65.00
catawbiense	18.00	65.00

Leucothoe		
catesbaei	15.00	55.00

Kalmia (Mountain Laurel)		
latifolia	15.00	55.00

SIZE 2: As Small as Looks Shapely. 8 to 12 in. B&B. Clumps, 4 to 6 Stems.

These "Junior Specimens" weigh about 3 to 5 pounds per plant, individually burlapped. They are 2 years older than Size 1. Express runs about 25 cents per plant. You can expect some blooms the year after planting. These really "look like something" the day they are planted.

Rhododendron	(10)	(25)	(100)
carolina	\$16.50	\$39.00	\$132.00
catawbiense	16.50	39.00	132.00
maximum	14.50	32.00	120.00

Kalmia (Mountain Laurel)		
latifolia	14.50	32.00 120.00

Leucothoe (Fetterbush)		
catesbaei	14.50	32.00 120.00



Rhododendron carolina
Pink, May, ZONE V, to 8 ft.

OFFER C

1 each of these
five plants for
\$9.25 postpaid.

OFFER D

5 each of
above, 25 plants
for \$35 (ex-
press about \$5).

NATIVES

Also: page

Ferns 54

Trailing

Arbutus 55

Wintergreen . 55

Wildginger . . 55

Bayberry . . . 30

Lilies 64

Beach Plum . . 61

Bayberry . . . 30



PHOTO: A box of
Size 3 Rhododen-
drons arrives.

SIZE 3: Bushy Clumps 1½ to 2 Feet.

Most are budded for at least some immediate bloom. Large enough to use at once for foundations, shrub borders. Allow about 3 ft. space, which they will fill within next few years. \$6.00 each, singly. Any five of the 5 kinds pictured here for \$18.00. (Express costs about \$5.00)

SIZE 4: Extra Large Clumps.

These will give you an immediate effect for the least cost. Three kinds only:—

Rhododendron maximum 3-4 ft. B&B

Rhododendron catawbiense 2-3 ft. B&B

Mountain Laurel 3 to 4 ft. B&B

Sold only in boxes of 4 (assorted as you wish) 4 for \$27.00. (Express about \$6.00)

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How to Use This Different Kind of Catalog

IN THIS SHORT GUIDE it is taken for granted that most trees and shrubs require normal food, air and water. Plants very easy to grow are referred to as "tolerant" or may have no notes whatsoever.

Height—"20 ft.", "8 ft.", etc. (This is ultimate height at maturity).

Light—"Sun", "Shade".

Light makes the chlorophyl factory turn its wheels. All plants need some. Those that get along best on little light are marked "shade" in this Guide. Those that need a great deal are marked "sun".—Normal plants are not marked, and need about 1/2 day's sun.

Air — "loose", "heavy", "drain".

Roots get oxygen from air that filters into the earth. Some plants need more than others; these must have loose soil and will suffocate in heavy damp clays. Such plants are marked "drain". Others like clay and are marked "heavy soil".

Water — "Damp", "dry".

Roots can only use chemicals that are dissolved in water. Also, water is the means of transportation up the stem. Some plants need more than others and die in severe drought. In the descriptions such are marked "damp". A loose soil quickly dries, a heavy soil keeps damp. Thus water and air for the roots are both present in a mixed soil (except in drought when all soils must be watered).

Food — "humus", "rich", "barren".

Ordinary soil has plenty of food for ordinary plants. Do not use fertilizers except for gross feeders (roses and peonies). (Or if your soil is not good). Plants that need manure are marked "rich", those that thrive in poor soil are marked "barren", etc. Ordinary plants not marked.

CLIMATE MAP

The numbers I to VII in the map refer to Zone numbers printed after each plant name throughout this Guide. It shows the northern limit beyond which any given plant cannot grow. This is not a perfect rule. Two modifications might be mentioned. East of Indianapolis, a damper climate makes all evergreens hardier. West of Indianapolis hot western summers make deciduous trees harder than rated in the Guide. If the Zone is in brackets (IV), plant needs protected site to be hardy there.



PHOTO: Our evergreens planted in 1890, photo 50 years later, on Long Island.



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Pyramidal Arborvitae—Narrow, showy.

Spreading Yew—low, broad bush.

Hicks Yew—6 ft. upright, dense.

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